#### EOG Resources, Inc. P.O. 1910 Vernal, UT 84078

January 19, 2006

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL OLD SQUAWS CROSSING UNIT II 124-27 SE/SE, SEC. 27, T10S, R19E UINTAH COUNTY, UTAH LEASE NO.: U-49518 FEDERAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter P.O. Box 1910 Vernal, UT 84078 Phone: (435)789-4120

Fax: (435)789-1420

Sincerely,

Ed Trotter Agent

EOG Resources, Inc.

Attachments

RECEIVED FEB 0 2 2006

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

5. Lease Serial No.

U	J_	49	)5	1	۶

If Indian, Allottee or Tribe Name

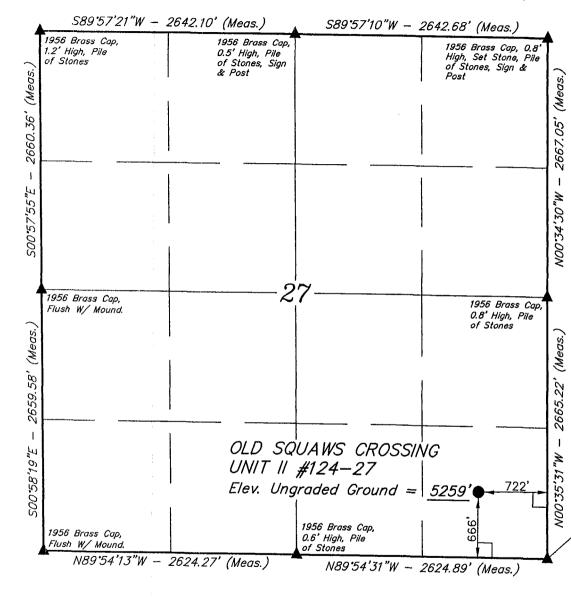
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: X DRILL	REENTER	7.	If Unit or CA Ag OLD SQUAWS	reement, Name and No.  CROSSING UNIT II	
1b. Type of Well: Oil Well X Gas Well Oth	ner X Single Zone Multiple Zone	8. <b>O</b> 1	Lease Name and LD SQUAWS CR	Well No. OSSING UNIT II 124-27	
2. Name of Operator		9.	API Well No.		
EOG RESOURCES, INC.			43-047	37679	
3a. Address P.O. BOX 1815 VERNAL, UT 84078	3b. Phone No. (Include area code) (435)789-0790		Field and Pool, or I	Exploratory	
4. Location of Well (Report location clearly and in accord-	ance with any State requirements *)			Blk. and Survey or Area	
At surface 666' FSL. 722' FEL 605	7433X 39.912605 85834 -109.760607			·	
At proposed prod. Zone 441	85834 -1AQ 760/007	'	SEC. 27, T1 S.L.B.&		
14. Distance in miles and direction from nearest town or pos				171.	
22.36 MILES SOUTHWEST OF O	URAY, UTAH	12. (	County or Parish UINTAH	13. State	
15. Distance from proposed*	16. No. of Acres in lease	17. Space	ing Unit dedicated	to this well	
location to nearest property or lease line, ft. 666	640	40		TO THE PROPERTY OF	
(Also to nearest drig. Unit line, if any)	040	1			
18. Distance from proposed location*	19. Proposed Depth	20. BLM	/BIA Bond No. on	file	
to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C	8150'	į.	M-2308		
- Approximation					
21. Elevations (Show whether DF, KDB, RT, GL, etc.)  5261.0 FEET GRADED GROUND	22. Approximate date work will start* UPON APPROVAL		23. Esti mated duration		
GROUND GROUND	24. Attachments		45 DA	AYS	
Attachments	24. Attachments				
The following, completed in accordance with the requir	rements of Onshore Oil and Gas Order No. 1, s	hall be attacl	hed to this form:		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> </ol>	4. Bond to cover the	operations u	inless covered by a	n existing bond on file	
A Surface Use Plan (if the location is on National Fo	(see Item 20 ah	(ava			
SUPO shall be filed with the appropriate Forest Serv	ice Office).  6. Such other site spec	cific informa	tion and/or plans as	s may be required	
	by the authorize	ed officer.	•		
25. Signature	Name (Printed/Typed)		1	Date	
/Le ll satte	Ed Trotter		1 1 1	January 19, 2006	
Title			<u> </u>		
Agent					
Approved by Signature	Name (Printed/Typed)		Date		
	BRADLEY G. HILL		1	56 54	
1 Joel 1	NVIRONMENTAL SCIENTIST III		07	06-06	
Time M	Office				
Application approval does not warrant or certify that the applicant operations thereon	cant holds legal or equitable title to those rights	s in the subje	ect lease which wou	ild entitle the applicant to	
Conditions of Approval, if any, are attached.					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 121 United States any false, fictitious or fraudulent statements or r	2 make it a grime for any				
United States any false, fictitious or fraudulent statements or r	epresentations as to any matter within its jurisd	ia willfully t iction.	o make to any depa	RECEIVED	
	<del></del>				

\*(Instructions on page 2)

FEB 0 2 2006

# T10S, R19E, S.L.B.&M.



#### LEGEND:

\_\_ = 90' SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 39'54'45.62" (39.912672) LONGITUDE = 109'45'40.61" (109.761281)

(NAD 27)

LATITUDE = 39'54'45.75" (39.912708)

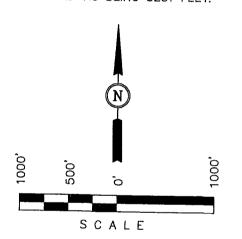
LONGITUDE = 109'45'38.11" (109.760586)

## EOG RESOURCES, INC.

Well location, OLD SQUAWS CROSSING UNIT II #124-27, located as shown in the SE 1/4 SE 1/4 of Section 27, T10S, R19E, S.L.B.&M. Uintah County, Utah.

#### BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R19E, S.L.B.&M. TAKEN FROM THE BIG PACK MNT. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELLEF

1956 Brass Cap, Pile of Stones, 0.8' 'High, E-W Fenceline

REGISTERED LAND SURVEYOR REGISTRATION NO. 161319
STATE OF UTAH

# UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078

	20) 708-1017		
SCALE 1" = 1000'	DATE SURVEYED: 06-14-05	DATE DRAWN: 06-18-05	
PARTY T.B. B.C. L.K.	REFERENCES G.L.O. PLAT		
WEATHER WARM	FILE EOG RESO	URCES, INC.	

# EIGHT POINT PLAN OLD SWUAWS CROSSING UNIT 11 124-27 SE/SE, SEC. 27, T10S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH

## 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	1,534'
Wasatch	4,355'
Chapita Wells	4,994'
Buck Canyon	5,714'
North Horn	6,505'
KMV Price River	7,959'

Estimated TD: 8,150' or 200'± below Price River top

Anticipated BHP: 4,330 Psig

1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .

2. Cement isolation is installed to surface of the well isolating all zones by cement.

#### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole - 5000 Psig

BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

								TING FACTOR
]	HOLE SIZI	<b>INTERVAL</b>	<u>SIZE</u>	<b>WEIGHT</b>	<b>GRADE</b>	<b>THREAD</b>	COLLAPSE	E/BURST/TENSILE
Conductor	: 17 ½"	0'-45'	13 <b>¾</b> "	48.0#	H-40	STC		1730 PSI 322,000#
Surface	12-1/4"	45' - 2,300'KB±	9-5/8"	36.0#	J-55	STC		3520 Psi 394,000#
Production	: 7-7/8"	$2,300' \pm - TD$	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi 223,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone. All casing will be new or inspected.

#### 5. Float Equipment:

#### Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

#### **Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (30± total). Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

## **EIGHT POINT PLAN OLD SWUAWS CROSSING UNIT 11 124-27** SE/SE, SEC. 27, T10S, R19E, S.L.B.&M. **UINTAH COUNTY, UTAH**

#### 6. MUD PROGRAM

#### Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.5 – 10.0 ppg depending on actual wellbore conditions encountered while drilling.

A closed mud system will be utilized. A bentonite gelled water mud system will be used 2300'± - TD to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### 7. VARIANCE REQUESTS:

Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations Reference:

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

#### 8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

#### 9. CEMENT PROGRAM:

#### Surface Hole Procedure (Surface - 2300'±):

Lead:

Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI<sub>2</sub>, 3 lb/sx GR3 1/4 #/sx

Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail:

Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps

water.

Top Out: As necessary with Class "G" cement with 2% CaCI<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18

ft<sup>3</sup>/sk., 5.2 gps water.

Note:

Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

# EIGHT POINT PLAN OLD SWUAWS CROSSING UNIT 11 124-27 SE/SE, SEC. 27, T10S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH

#### **CEMENT PROGRAM (Continued):**

Production Hole Procedure (2300'± - TD)

Lead:

107 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65

(Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft<sup>3</sup>/sk., 9.19

gps water.

Tail:

750 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

Note:

The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch. Final Cement volumes will be based upon gauge-hole plus 45% excess.

#### 10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

#### Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

#### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

#### 12. HAZARDOUS CHEMICALS:

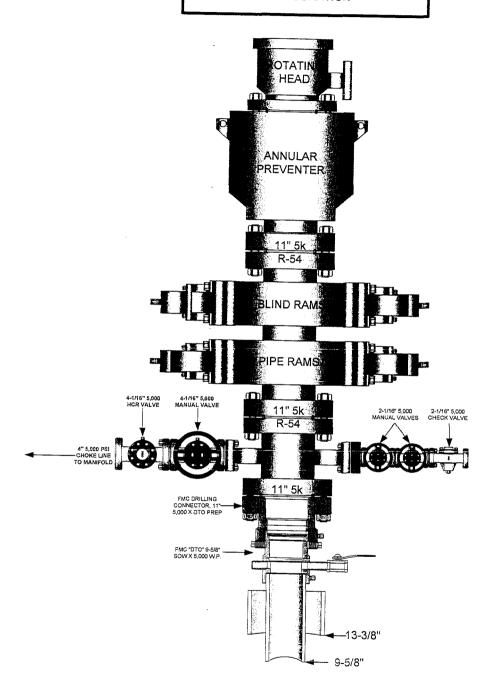
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

3

(Attachment: BOP Schematic Diagram)

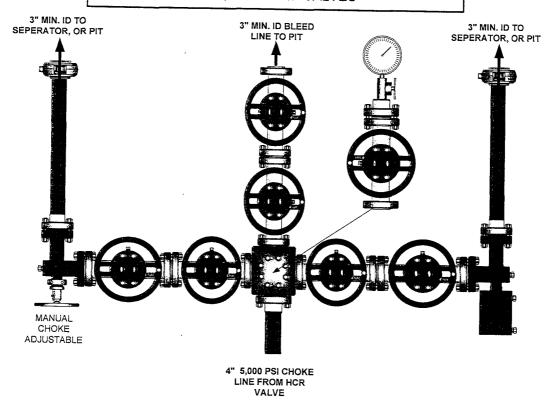
#### EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

PAGE 1 OF 2



# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 0F 2



#### Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.
- 4. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 5. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

#### CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:

EOG Resources, Inc.

Well Name & Number: Old Squaws Crossing Unit II 124-27

Lease Number:

U-49518

Location:

666' FSL & 722' FEL, SE/SE, Sec. 27,

T10S, R19E, S.L.B.&M., Uintah County, Utah

Surface Ownership:

Federal

#### NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction

of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice:

- at least twenty-four (24) hours prior to

spudding the well.

Casing String and

Cementing

- twenty-four (24) hours prior to running

casing and cementing all casing strings.

BOP and related

**Equipment Tests** 

- twenty-four (24) hours prior to running

casing and tests.

First Production

Notice

- within five (5) business days after new

Well begins or production resumes after Well has been off production for more

than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## THIRTEEN POINT SURFACE USE PROGRAM

#### 1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 22.36 miles southwest of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

## 2. PLANNED ACCESS ROAD

- A. The access road will be approximately 100 feet in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

# 3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION</u>

- A. Producing wells 7\*
- B. Shut in wells 2\*

(\*See attached TOPO map "C" for location)

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

#### A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

#### B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 4" OD steel above ground natural gas pipeline will be laid approximately 321' from proposed location to a point in the SE/SE of Section 27, T10S, R19E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses Federal lands within the Old Squaws Crossing Unit II, thus a Right-of-Way grant will not be required.
- 3. Proposed pipeline will be a 4" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the West side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities

required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer:

## 5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

### 7. METHODS OF HANDLING WASTE DISPOSAL

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

#### On BLM administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 12 mill plastic liner.

#### 8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

#### 9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved interim seed mixture for this location is:
   Hi-Crest Crested Wheatgrass 9 pounds per acre
   Kochia Prostrata 3 pounds per acre.

The final abandonment seed mixture for this location is:

Gardner Salt Bush – 4 pounds per acre Shad Scale – 3 pounds per acre Hi-Crest Crested Wheat Grass – 2 pounds per acre

The reserve pit will be located on the Southeast corner of the location. The flare pit will be located downwind of the prevailing wind direction on the South side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil Southwest of Corner #5. The stockpiled location topsoil will be stored between Corners #2 and #8. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the

approved seed mixture for this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the Northeast.

Corners #2 & #6 will be rounded off to minimize excavation.

#### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

#### 10. PLANS FOR RESTORATION OF SURFACE

#### A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

#### B. <u>DRY HOLE/ABANDONED LOCATION</u>

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

#### 11. SURFACE OWNERSHIP

Access road: <u>Federal</u> Location: <u>Federal</u>

## 12. OTHER INFORMATION

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
  - whether the materials appear eligible for the National Register of Historic Places;
  - the mitigation measures the operator will likely have to undertake before the site can be used.
  - a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.
- D. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

#### Additional Surface Stipulations

X No construction of access road or location shall be conducted during wet weather due to critical soils stipulations.

## LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

#### PERMITTING AGENT

Ed Trotter P.O. Box 1910 Vernal, UT 84078

Telephone: (435)789-4120

Fax: (435)789-1420

#### **DRILLING OPERATIONS**

Donald Presenkowski EOG Resources, Inc.

P.O. Box 250

Big Piney, WY 83113

Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval

plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

#### Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Old Squaws Crossing Unit II 124-27 Well, located in the SE/SE of Section 27, T10S, R19E, Uintah County, Utah; Lease #U-49518; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #NM 2308.

1-19-2006

Date

Agent / Agent

# EOG RESOURCES, INC. OLD SQUAWS CROSSING UNIT II #124-27 SECTION 27, T10S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST: **PROCEED** IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 220' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW **ROAD FLAGS** INΑ SOUTHWESTERLY DIRECTION APPROXIMATELY 100' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 53.6 MILES.

# EOG RESOURCES, INC.

OLD SQUAWS CROSSING UNIT II #124-27

LOCATED IN UINTAH COUNTY, UTAH SECTION 27, T10S, R19E, S.L.B.&M.

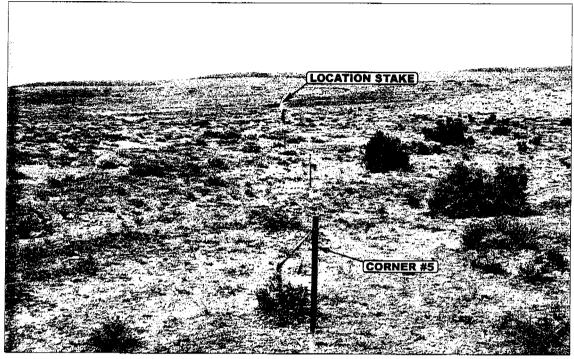


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

**CAMERA ANGLE: NORTHERLY** 

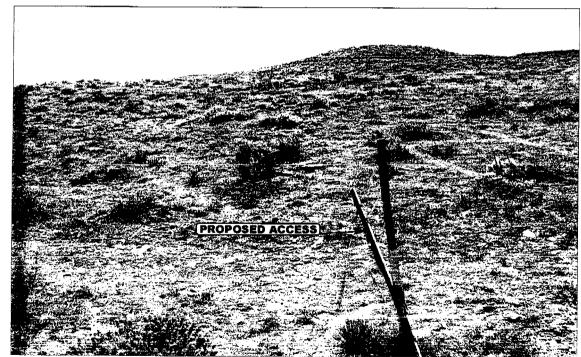


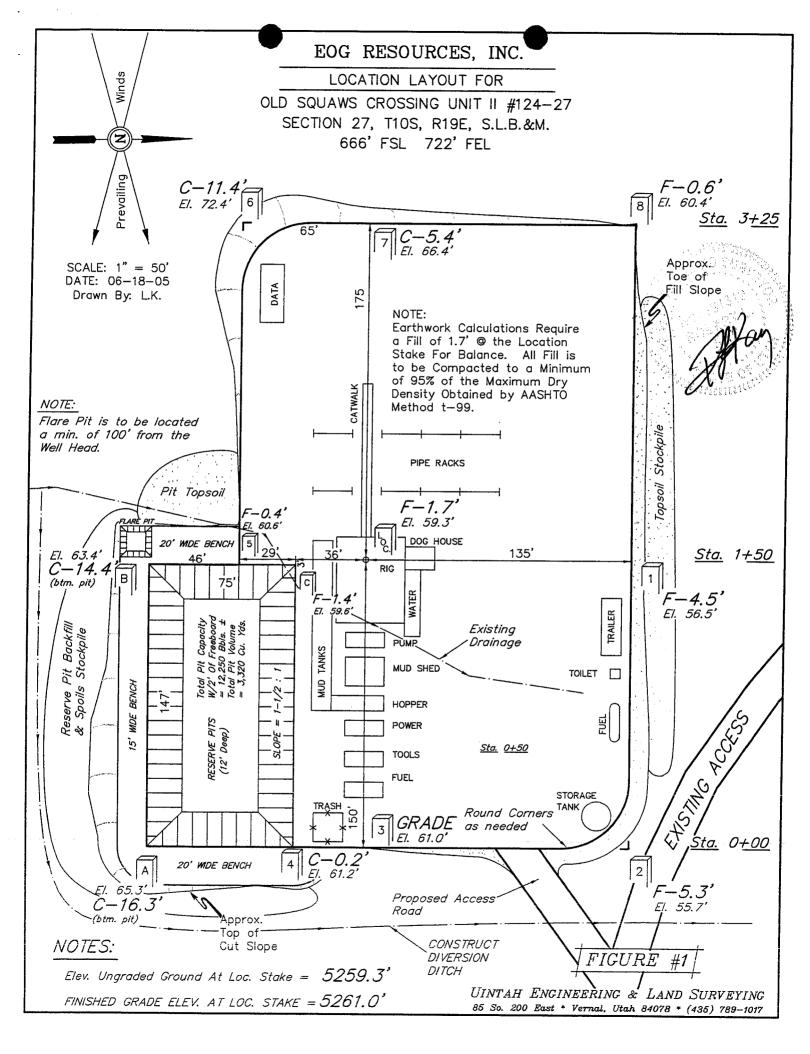
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

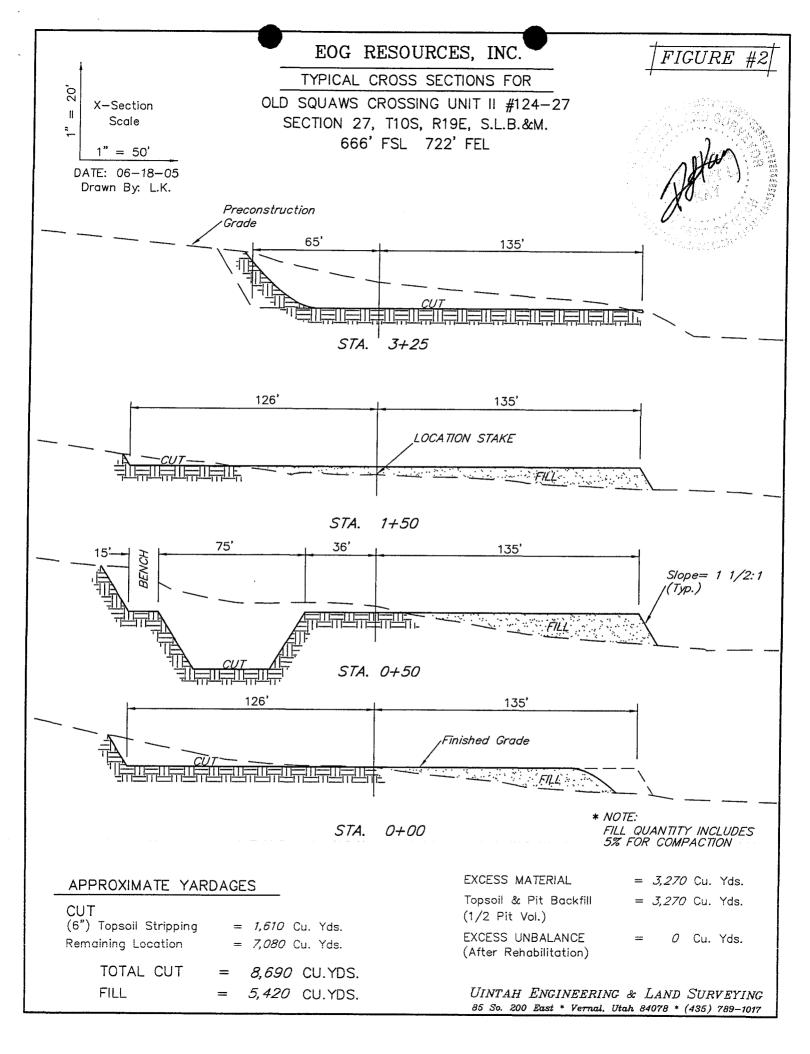
CAMERA ANGLE: SOUTHWESTERLY



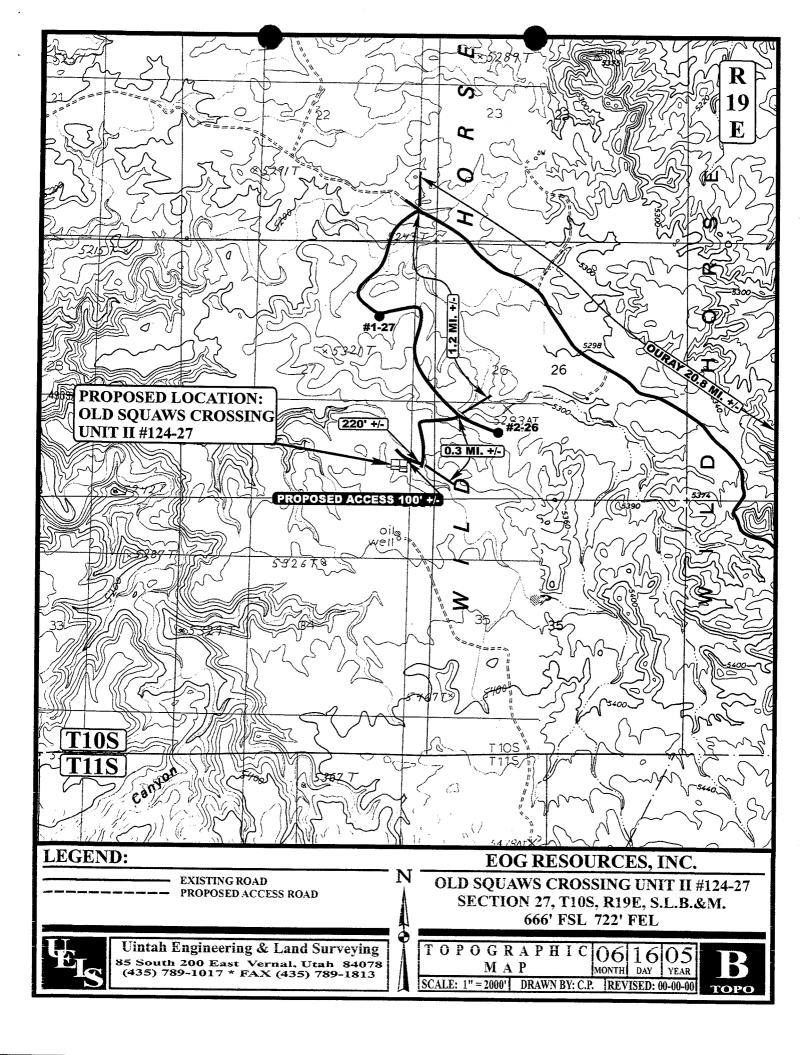
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

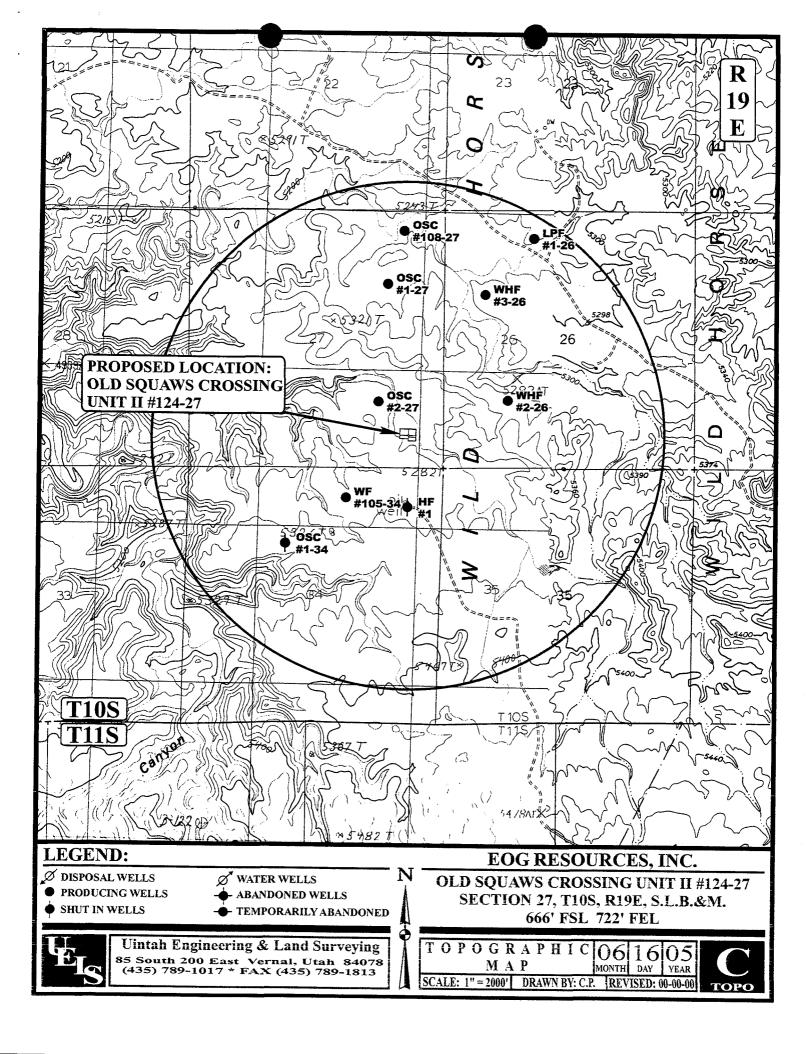
LOCATION	المحاصبة لمانسة لمستمالة	O6 MONTH		O5 year	PHOTO
TAKEN BY: T.B.	DRAWN BY: C.F	REV	ISED: 0	0-00-00	

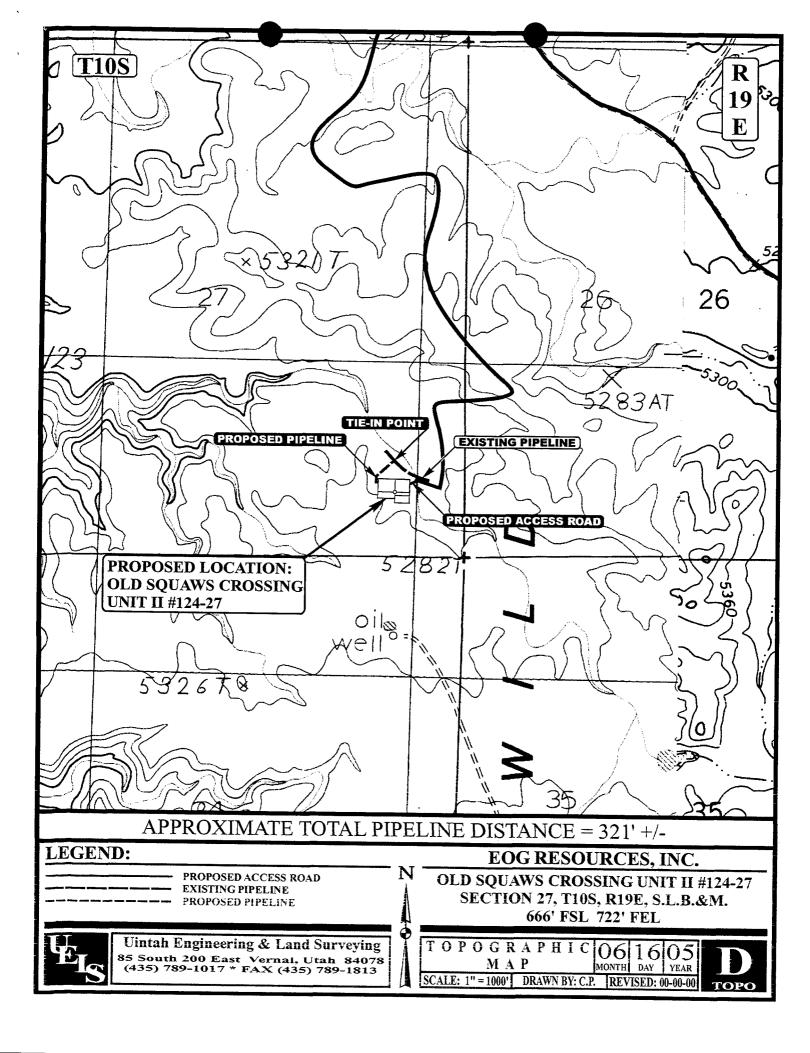




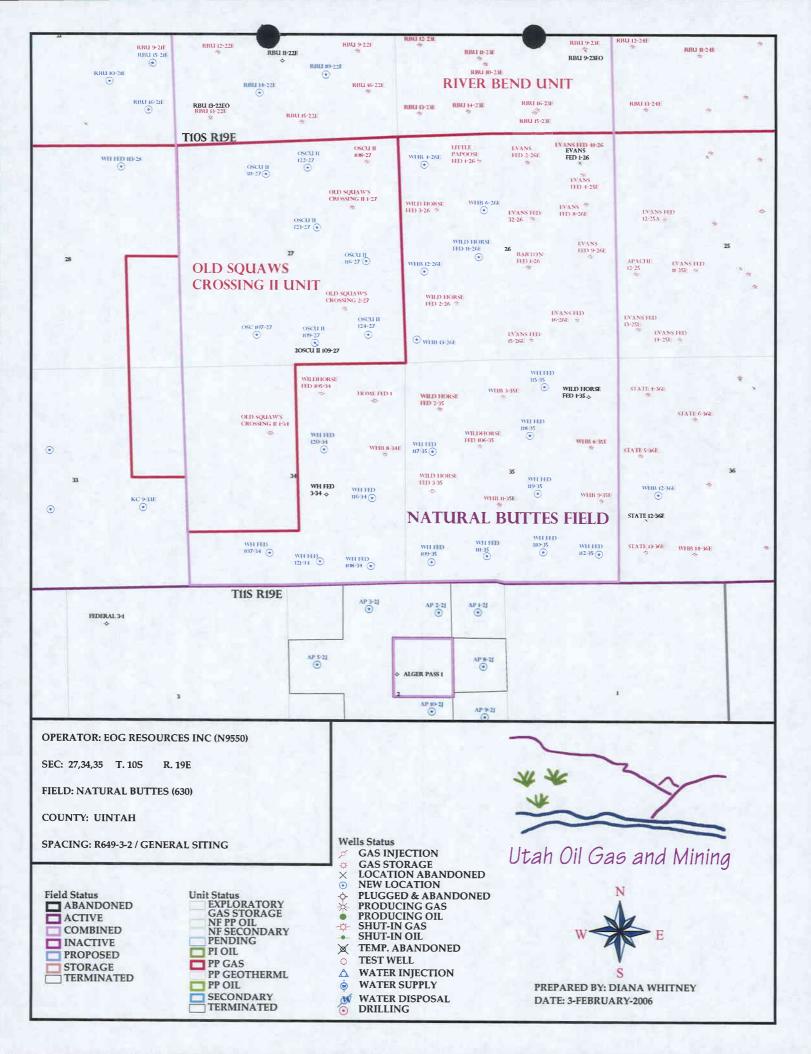








ADD DECETTED 00/00/0006					
APD RECEIVED: 02/02/2006	API NO. ASSIGNED: 43-047-37679				
WELL NAME: OSCU II 124-27	_				
OPERATOR: EOG RESOURCES INC ( N9550	) PHONE NUMBER: 435-789-4120				
CONTACT: ED TROTTER	_				
PROPOSED LOCATION:	INSPECT LOCATN BY: / /				
SESE 27 100S 190E	Tech Review Initials Date				
SURFACE: 0666 FSL 0722 FEL BOTTOM: 0666 FSL 0722 FEL	Engineering				
COUNTY: UINTAH	Geology				
LATITUDE: 39.91261 LONGITUDE: -109.7606					
UTM SURF EASTINGS: 605933 NORTHINGS: 4418	Surface				
FIELD NAME: NATURAL BUTTES (630  LEASE TYPE: 1 - Federal  LEASE NUMBER: U-49518  SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: PRRV COALBED METHANE WELL? NO				
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:				
✓ Plat					
✓ Bond: Fed[1] Ind[] Sta[] Fee[]	R649-2-3.				
(No. NM-2308 )	Unit: OLD SQUAWS CROSSING II				
Potash (Y/N)	R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells				
Oil Shale 190-5 (B) or 190-3 or 190-13					
✓ Water Permit	R649-3-3. Exception				
(No. <u>49-1501</u> )	Drilling Unit				
ni_ RDCC Review (Y/N) (Date: )	Board Cause No:				
NA Fee Surf Agreement (Y/N)	Eff Date: Siting:				
NA Intent to Commingle (Y/N)	Sitting:				
incent to committigle (Y/N)	R649-3-11. Directional Drill				
	11				
COMMENTS:					
STIPULATIONS: 1- Edino Opprind					
2 Spacing Stip					



## United States Department of the Interior

#### BUREAU OF LAND MANAGEMENT **Utah State Office** P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

February 3, 2006

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2006 Plan of Development Old Squaws Crossing II Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Old Squaws Crossing II, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Price River)

43-047-37680 OSCU II 116-27 Sec 27 T10S R19E 2412 FSL 0744 FEL 43-047-37678 OSCU II 122-27 Sec 27 T10S R19E 0715 FNL 2097 FEL 43-047-37679 OSCU II 124-27 Sec 27 T10S R19E 0666 FSL 0722 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc:

File - Old Squaws Crossing II Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron



#### State of Utah

#### Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

February 6, 2006

EOG Resources, Inc. P O Box 1815 Vernal, UT 84078

Re: Old Squaw Crossing Unit II 124-27 Well, 666' FSL, 722' FEL, SE SE, Sec. 27, T. 10 South, R. 19 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37679.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	EOG Resources, Inc.					
Well Name & Number	Old Squaw Crossing Unit II 124-27					
API Number:	43-047-37679					
Lease:	U-49518					
Location: <u>SE SE</u>	Sec. 27	T. 10 South	R. 19 East			

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

# RECEIVED

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

# UNITED STATES DEPARTMENT OF THE INTERIOR FEB (1 2003 5. Lease Serial No. BUREAU OF LAND MANAGEMENT

U-49518

If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT	TO DRILL	OR REENTER
------------------------	----------	------------

APPLICATION FOR FERM	III TO DRIEE OR REENTED		
ia. Type of Work: X DRILL	REENTER	7. If Unit or CA Agreement, Name and No. OLD SQUAWS CROSSING UNI	T II
1b. Type of Well: Oil Well X Gas Well Other	er X Single Zone Multiple Zone	8. Lease Name and Well No. OLD SQUAWS CROSSING UNIT II 124-2	:7
2. Name of Operator EOG RESOURCES, INC.		9. API Well No.	
3a. Address P.O. BOX 1815 VERNAL, UT 84078	3b. Phone No. (Include area code) (435)789-0790	10. Field and Pool, or Exploratory  NATURAL BUTTES  11. Sec., T., R., M., or Blk. and Survey or Area	2
4. Location of Well (Report location clearly and in accordance  At surface 666' FSL, 722' FEL  At proposed prod. Zone	SE/SE	SEC. 27, T10S, R19E, S.L.B.&M.	
14. Distance in miles and direction from nearest town or pos 22.36 MILES SOUTHWEST OF O	URAY, UTAH	12. County or Parish UINTAH 13. State UTAH	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any)	16. No. of Acres in lease 640	17. Spacing Unit dedicated to this well  40	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C	19. Proposed Depth 8150'	20. BLM/BIA Bond No. on file NM-2308	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5261.0 FEET GRADED GROUND	22. Approximate date work will start*  UPON APPROVAL  24. Attachments	23. Esti mated duration 45 DAYS	
Attachments		III he attached to this form:	
The following, completed in accordance with the requi  1. Well plat certified by a registered surveyor.  2. A Drilling Plan.  3. A Surface Use Plan (if the location is on National F SUPO shall be filed with the appropriate Forest Ser	4. Bond to cover the (see Item 20 absorbers System Lands, the 5. Operator certification which of Such other site specific by the authorized by the authorized street in the control of the street in the control of the	operations unless covered by an existing bond on file love). ion. cific information and/or plans as may be required ed officer.	-
25. Signature	Oil Gas a	Ind Mining RECEIVE	2006 <b>D</b>
Title Agent	FOR REC	ORD ONLY SEP 1 1 200	6
Approved by (Signature)	Name (Printed/Typed)  JERRY KENCZKA	DAGIV. OF OIL, GAS & MI 8-30 2006	NING
Assistant Field Manager  Lands & Mineral Resources  Application approval does not warrant or certify that the application approval does not warrant or certification approval does not warrant or cert	Office VERNAL FIELD DE	EICE  Its in the subject lease which would entitle the applican	nt to
conduct operations thereon.  Conditions of Approval, if any, are attached.			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: EOG Resources Location: SESE, Sec 27, T10S, R19E Well No: OSCU II 124-27 Lease No: UTU-49518 API No: 43-047-37679 Agreement: Old Squaws Crossing II Unit

Cell: 435-828-4470 Office: 435-781-4490 Matt Baker Petroleum Engineer: Cell: 435-828-7875 Office: 435-781-4432 Michael Lee Petroleum Engineer: Office: 435-781-4502 Cell: 435-828-3913 Jamie Sparger Supervisory Petroleum Technician: Office: 435-781-4475 Cell: 435-828-4029 Paul Buhler **Fnvironmental Scientist:** Karl Wright Office: 435-781-4484 **Environmental Scientist:** Holly Villa Office: 435-781-4404 Natural Resource Specialist: Natural Resource Specialist: Melissa Hawk Office: 435-781-4476 Natural Resource Specialist: Chris Carusona Office: 435-781-4441 Scott Ackerman Office: 435-781-4437 Natural Resource Specialist: After Hours Contact Number: 435-781-4513 Fax: 435-781-4410

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

Location Construction (Notify Paul Buhler)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion	-	Prior to moving on the drilling rig.

Location Completion (Notify Paul Buhler)

Twenty-Four (24) hours prior to spudding the well.

(Notify Petroleum Engineer)

Casing String & Cementing
(Notify Jamie Sparger)

- Twenty-Four (24) hours prior to running casing and cementing all casing strings

BOP & Related Equipment Tests (Notify Jamie Sparger)

Spud Notice

Twenty-Four (24) hours prior to initiating pressure tests

First Production Notice (Notify Petroleum Engineer)

 Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

Page 2 of 6 Well: OSCU II 124-27 8/28/2006

#### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### Conditions for Approval are in the APD

- Construct one high water crossing with a 36" culvert where the access road crosses the major wash.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.
- During interim management of the surface, use the following seed mix:
  - o 9 lbs of Hycrest Crested Wheatgrass & 3 lbs of Kochia prostrate.

Page 3 of 6 Well: OSCU II 124-27 8/28/2006

#### DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- Variance is granted for Onshore Order #2 III.E. Special Drilling Operations. Blooie line for drilling of surface may be 75' instead of 100'.
- A surface casing shoe integrity test shall be performed.
- Production casing cement top shall be at a minimum of 200' above the surface casing shoe.
- A CBL shall be run from TD to the surface casing shoe.

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded
  in the daily drilling report. Components shall be operated and tested as required by
  Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE
  pressure tests shall be performed by a test pump with a chart recorder and NOT by the
  rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

Page 4 of 6 Well: OSCU II 124-27 8/28/2006

- All shows of fresh water and minerals shall be reported and protected. A sample shall
  be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office.
  All oil and gas shows shall be adequately tested for commercial possibilities, reported,
  and protected.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or
  workover equipment shall be removed from a well to be placed in a suspended status
  without prior approval of the BLM, Vernal Field Office. If operations are to be suspended
  for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained
  and notification given before resumption of operations.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field
  Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers
  until the well is completed.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the
  written report requirement. Any additional construction, reconstruction, or alterations of
  facilities, including roads, gathering lines, batteries, etc., which will result in the
  disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore
  Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field
  Office.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

Page 5 of 6 Well: OSCU II 124-27 8/28/2006

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - o Well name and number.
  - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - O Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and / or participating area name and number, if applicable.
  - O Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL)
   4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days.
   "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the

Page 6 of 6 Well: OSCU II 124-27 8/28/2006

end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

Unless the plugging is to take place immediately upon receipt of oral approval, the Field
Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging
of the well, in order that a representative may witness plugging operations. If a well is
suspended or abandoned, all pits must be fenced immediately until they are backfilled.
The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within
30 days after the actual plugging of the well bore, showing location of plugs, amount of
cement in each, and amount of casing left in hole, and the current status of the surface
restoration.

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

5.	Lease Serial No.
	II_40519

SUNDAT	NOTICES AND	REPORTS OF	N METTS	3	U-4951	8
Do not use t abandoned w	this form for propos vell. Use Form 3160	als to drill or t -3 (APD) for su	o re-ente ich propos	er an Sals.	6. If Indiar	, Allottee or Tribe Name
SUBMIT IN TR	RIPLICATE- Other	instructions on	reverse :	side.	7. If Unit of	r CA/Agreement, Name and/or No.
1. Type of Well Oil Well	✓ Gas Well Ot	her				uaws Crossing Unit
2. Name of Operator					8. Well Na	me and No. uaws Crossing Unit II 124-27
EOG Reso	ources, Inc.				9. API We	
3a Address 600 17th Street, Suite 1000N, 1	Denver, CO 80202	3b. Phone No. 303-824-55		code)	43-047-	
4. Location of Well (Footage, Sec.,		<b>I</b>				d Pool, or Exploratory Area  Buttes/Wasatch/MV
666' FSL & 722' FEL (SE/SE	E)					or Parish, State
Sec. 27-T10S-R19E 39.91267	<sup>1</sup> 2 LAT 109.761281 LON				Uintah	County, UT
12. CHECK A	PPROPRIATE BOX(ES	) TO INDICATE N	NATURE O	F NOTICE, I	REPORT, OR	OTHER DATA
TYPE OF SUBMISSION			TYPE O	F ACTION	· · · · · · · · · · · · · · · · · · ·	
	Acidize	Deepen	Γ	Production (St	hart/Danner - \	Water Chi 4 Off
Notice of Intent	Alter Casing	Fracture Tree	at 🗀	Reclamation	arv (csume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair	New Constr	uction	Recomplete		Other Change TD
Final Abandonment Notice	Change Plans	Plug and Ab	andon	Temporarily A	bandon	
T that Abandonintent Notice	Convert to Injection	Plug Back		Water Disposal		
determined that the site is ready EOG Resources, Inc. requ From: 8150' To: 10,200' Attached is a revised drilli	ests permission to change	Appro Utah	renced well oved by Division s and M	the n of lining		
		Date:	9-27	999		COPY SANT TO OPERATOR Date: Initials
<ol> <li>I hereby certify that the foreg Name (Printed/Typed)</li> </ol>	oing is true and correct					
Mary A. Maestas		T	itle Regulat	ory Assistant		
Signature Mary	a. May on	_ D	Pate	0	9/13/2006	
	THIS SPACE FO	R FEDERAL C	R STAT	E OFFICE	USE	
pproved by		-	Tiel			
onditions of approval, if any, are at rtify that the applicant holds legal of hich would entitle the applicant to o	or equitable title to those rigl	tice does not warrant on the subject lease	Title Office		Da	RECEIVE
tle 18 U.S.C. Section 1001 and Title ates any false, fictitious or fraudule	43 U.S.C. Section 1212, make	it a crime for any per	son knowingly	y and willfully t	o make to any o	lepartment or agency of the United
Instructions on page 2)	ar statements of representati	ons as to any matter wi	uun iis jurisdi	iction.	· · · · · · · · · · · · · · · · · · ·	SEP 1 5 2000
page 2)						

## OLD SWUAWS CROSSING UNIT 11 124-27 SE/SE, SEC. 27, T10S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH

## 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	1,537'
Wasatch	4,360'
Chapita Wells	4,992'
Buck Canyon	5,717'
North Horn	6,568'
KMV Price River	7,971'
KMV Price River Middle	8,937'
KMV Price River Lower	9,632'
Sego	10,000'
KMV Castlegate	10,091'

Estimated TD: 10,200' or 200'± below Price River top

Anticipated BHP: 5,570 Psig

1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .

2. Cement isolation is installed to surface of the well isolating all zones by cement.

## 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

## 4. CASING PROGRAM:

**	O						<u>RA</u>	TING FACTOR
		<u> INTERVAL</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<b>THREAD</b>	COLLAPSE	E /BURST/ TENSILE
Conductor:	17 ½"	0' – 45'	13 %"	48.0#	H-40	STC		1730 PSI 322,000#
		45' - 2,300'KB±	9-5/8"	36.0#	J-55	STC		3520 Psi 394,000#
Production:	7-7/8"	$2,300' \pm - TD$	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi 223,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/ 9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone. All casing will be new or inspected.

## 5. Float Equipment:

## Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

## OLD SWUAWS CROSSING UNIT 11 124-27 SE/SE, SEC. 27, T10S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH

Float Equipment: (Cont'd)

## Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface.  $4-\frac{1}{2}$ ", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (30± total). Thread lock float shoe, top and bottom of float collar, and top of  $2^{nd}$  joint.

## 6. MUD PROGRAM

## Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.5 – 10.0 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

## 7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

## 8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

## **OLD SWUAWS CROSSING UNIT 11 124-27** SE/SE, SEC. 27, T10S, R19E, S.L.B.&M. **UINTAH COUNTY, UTAH**

## 9. **CEMENT PROGRAM:**

## Surface Hole Procedure (Surface - 2300'±):

Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI<sub>2</sub>, 3 lb/sx GR3 1/4 #/sx Lead:

Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Class "G" cement with 2% CaCI<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps Tail:

water.

Top Out: As necessary with Class "G" cement with 2% CaCI<sub>2</sub>, 1/4#/sk Flocele mixed at 15.6 ppg, 1.18

ft<sup>3</sup>/sk., 5.2 gps water.

Cement volumes will be calculated to bring lead cement to surface and tail cement to Note:

500'above the casing shoe.

## Production Hole Procedure (2300'± - TD)

120 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 Lead:

(Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft<sup>3</sup>/sk., 9.19

gps water.

1115 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 Tail:

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

The above number of sacks is based on gauge-hole calculation. Note:

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

## 10. ABNORMAL CONDITIONS:

## Surface Hole (Surface - 2300'±):

Lost circulation

## Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

## OLD SWUAWS CROSSING UNIT 11 124-27 SE/SE, SEC. 27, T10S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH

## 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

## 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

## **DIVISION OF OIL, GAS AND MINING**

## **SPUDDING INFORMATION**

Name of Con	npany:	EOG	RESOUL	RCES IN	IC		
Well Name:_		OSCI	J <b>II 124-</b> 2	27			
Api No <u>:</u>	43-047-3767	9	Leas	se Type:_	FEDE!	RAL	
Section 27	Township_	<b>10S</b> R	Range 19	<b>PE</b>	_County	UINTAH	
Drilling Cont	tractor	ROCKY	MOUNT	'AIN DR	RIGRIG	G #	
SPUDDE	D:						
	Date	10/05/06		•			
	Time	10:30 A	M				
	How	DRY					
Drilling wi	II Commend	:e:					
Reported by_		JERRY					
Telephone #_		(435) 82	28-1720				
Date 16	0/05/06 Sign	ed	CHD				

### **STATE OF UTAH** DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

## **ENTITY ACTION FORM**

Operator:

EOG Resources, Inc.

Operator Account Number: N 9550

Address:

600 17th St., Suite 1000N

city Denver

zip 80202 state CO

Phone Number: (303) 824-5526

API Number	Well Name Chapita Welle Unit 664-1		QQ	Sec	Twp	Rng	County
43-047-36262			262 Chapita Wells Unit 664-1 NWNE 1 9S		98	22E Uintah	
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A /	99999	,	1	0/4/200	)6		
Comments:	Dupl	icate of	10/	5/0	6 l	ntre	1

Wall 2

API Number	Well	QQ	Sec	Twp	Rng	County	
43-047-37679	Old Squaws Crossing Unit II 124-27		SESE	27	108	19E	Uintah
Action Code	Current Entity Number	New Entity Number	, , , , , , , , , , , , , , , , , , , ,		ty Assignment fective Date		
Α	99999	10687	1	0/5/200	6	10	112/06
Comments:	NURD= 1	USMUM				· · · · /	170704

Well 3

API Number	Wel	QQ	Sec	Twp	Rng	County	
43-047-36476	Chapita Wells Unit 665-1		SENE	1	98	22E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignmen Effective Date		
Α	99999	15697		10/8/200	6	10,	12/06
Comments: 7	NURD						

## **ACTION CODES:**

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity
- Other (Explain in 'comments' section)

Mary A. Maestas

Name (Please Print) Regulatory Assistant

10/10/2006

Date

RECEIVED

(5/2000)

OCT 1 0 2006

DIV. OF OIL, GAS & MINING

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROV	ΈD
OM B No. 1004-0	137
Expires: March 3	1, 200

5.	Lease Serial No.
	U-49518

Do not use thi abandoned we	s form for proposals to II. Use Form 3160 - 3 (A	o drill or to re-e APD) for such pro	nter an posals.	6. If Indian,	Allottee or Tribe Name
SUBMIT IN TRI	PLICATE- Other instr	se side.	1	CA/Agreement, Name and/or No.  aws Crossing Unit II	
1. Type of Well Oil Well	Gas Well Other			8. Well Nam	e and No.
2. Name of Operator EOG Resou	rces, Inc.			9. API Wel	aws Crossing Unit II 124-27
3a. Address		3b. Phone No. (include	area code)	43-047-3	37679
600 17th Street, Suite 1000N, D 4. Location of Well (Footage, Sec., 1		303-824-5526			Pool, or Exploratory Area  Buttes/Wasatch/MV
4. Location of Well (Footage, Sec., 1 666' FSL & 722' FEL (SE/SE)				11. County o	r Parish, State
Sec. 27-T10S-R19E 39.912672	LAT 109.761281 LON			Uintah (	County, UT
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NATUR	RE OF NOTICE, I	REPORT, OR	OTHER DATA
TYPE OF SUBMISSION	<u> </u>	TY	PE OF ACTION		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (S	tart/Resume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete		Other Well spud
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	Temporarily A  Water Disposa		
determined that the site is ready  The referenced well spud	for final inspection.)				n completed, and the operator has
14. I hereby certify that the fore Name (Printed/Typed)	egoing is true and correct	ı			
Mary A. Maesta	as .	Title	Regulatory Assistan	ıt	
Signature Maru	a. Marta	Date		10/10/2006	
	THIS SPACE FOR	FEDERAL OR	STATE OFFIC	E USE	
Approved by			Title		Date
Conditions of approval, if any, are certify that the applicant holds leg which would entitle the applicant	al or equitable title to those rights to conduct operations thereon.	s in the subject lease	Office		
Title 18 U.S.C. Section 1001 and Ti States any false, fictitious or fraudi	tle 43 U.S.C. Section 1212, make i	t a crime for any person as as to any matter within	knowingly and willful its jurisdiction.	ly to make to an	y department or agency of the United

(Instructions on page 2)

RECEIVED OCT 1 1 2006

## **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

5.	Lease Serial No.	
	U-49518	

SUNDRY NOTICES AND REPORTS ON WELLS				U-4951	8	
Do not use this form for proposals to drill or to re-enter an					6. If India	n, Allottee or Tribe Name
abandoned well. Use Form 3160-3 (APD) for such proposals.						
SUBMIT IN TRIPLIC	CATE- Other instr	uctions on	rovers	e side	7. If Unit	or CA/Agreement, Name and/or No.
	GATE- Other mistr		100013		Old S	quaws Crossing Unit II
1. Type of Well Gas	Well Other				8. Well N	ame and No.
2. Name of Operator						quaws Crossing Unit II 124-27
· EOG Resources,	Inc.	<b></b>			9. API W	
3a Address 600 17th Street, Suite 1000N, Denver	r CO 80202	3b. Phone No. 303-824-55	•	rea code)		7-37679
4. Location of Well (Footage, Sec., T., R., I		303-024-33			_	nd Pool, or Exploratory Area al Buttes/Wasatch/MV
_	vi., or survey Description)				11. Count	or Parish, State
666' FSL & 722' FEL (SE/SE) Sec. 27-T10S-R19E 39.912672 LAT	109.761281 LON				Uinta	h County, UT
12. CHECK APPRO	PRIATE BOX(ES) TO	INDICATE 1	NATURE	OF NOTICE, F	EPORT, O	R OTHER DATA
TYPE OF SUBMISSION			TYPE	OF ACTION		
	Acidize	Deepen		Production (St	art/Resume)	Water Shut-Off
Notice of Intent	Alter Casing	Fracture Tre	at	Reclamation		Well Integrity
Subsequent Report	Casing Repair	New Constr	ruction	Recomplete		Other
Final Abandonment Notice	Change Plans	Plug and At		Temporarily A		
That Abandonnen House	Convert to Injection	Plug Back		✓ Water Disposal		
13. Describe Proposed or Completed Ope	ration (clearly state all pertir	nent details, inclu	ding estim	ated starting date of a	ny proposed v	vork and approximate duration thereof.
If the proposal is to deepen directional Attach the Bond under which the work	lly or recomplete horizontally k will be nerformed or provi	y, give subsurfac de the Bond No.	e locations on file wit	and measured and tr h BLM/BIA. Requi	ue vertical dep red subsectuent	reports must be filed within 30 days
following completion of the involved	operations. If the operation	results in a multij	ple comple	tion or recompletion	in a new inter	val, a Form 3160-4 must be filed once
testing has been completed. Final Ab- determined that the site is ready for fir		filed only after a	ll requirem	ents, including reclar	nation, have b	een completed, and the operator has
EOG Resources, Inc. requests a	<u>-</u>	of produced v	voten from	n the referenced w	all to any of	the following locations
•	•	or produced v	vater ii on	ii tike referenced w	cir to any or	the following locations.
1. Natural Buttes Unit 21-20B S 2. Ace Disposal		_				
3. RN Industries		Accepte	d by:	H.B		
	_	Accepts Utah Div	vision	$G_i^k$		
	U	n, Gas a	nd Mil	nina		
	FO	R RECC	) Rn	Wilv		
				JINLI		
14 Ill and a significant and a	is two and appear					
<ol> <li>I hereby certify that the foregoing Name (Printed/Typed)</li> </ol>	, is true and correct	1				
Mary A. Maestas Title Regulatory Assistant						
Signature Mary a. May a Date			Date		10/10/2006	
	HIS SPACE FOR	FEDERAL	OR ST	ATE OFFICE	USE	
A personal bu			Tit			Date
Approved by Conditions of approval, if any, are attached	ed. Approval of this notice	does not warran				
certify that the applicant holds legal or eq				fice		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

which would entitle the applicant to conduct operations thereon.

**RECEIVED** OCT 1 1 2006

### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED	
OM B No. 1004-0137	
Expires: March 31, 2007	7

5.	Lease Serial No.
	11 40810

SUNDRY	U-47310				
Do not use the abandoned w	6. If Indian, Allottee or Tribe Name				
SUBMIT IN TR	ə sidə.	If Unit or CA/Agreement, Name and/or No.     Old Squaws Crossing Unit II			
1. Type of Well Oil Well	Gas Well Other			8. Well Name and No. Old Squaws Crossing Unit II 124-27	
2. Name of Operator EOG Reso	urces, Inc.			9. API Well No.	
3a Address		3b. Phone No. (include a	rea code)	43-047-37679	
600 17th Street, Suite 1000N,	Denver, CO 80202	303-824-5526		10. Field and Pool, or Exploratory Area Natural Buttes/Wasatch/MV	
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	)			
666' FSL & 722' FEL (SE/SE) Sec. 27-T10S-R19E 39.912672 LAT 109.761281 LON				11. County or Parish, State  Uintah County, UT	
12. CHECK A	PPROPRIATE BOX(ES) T	O INDICATE NATURE	OF NOTICE,	REPORT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE	OF ACTION		
✓ Notice of Intent  Subsequent Report  Final Abandonment Notice	Acidize  Alter Casing  Casing Repair  Change Plans  Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (SI Reclamation Recomplete Temporarily A Water Disposal	Well Integrity  ✓ Other Polyswell bandon	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests permission to spread ten (10) - 25 lb. buckets of Polyswell in the reserve pit. The Polyswell will be placed on the ground covered with two layers of felt and a 12 mil pit liner. Placing Polyswell in the bottom of the reserve pit will create a moisture barrier, adding an additional containment measure.

> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)				
Mary A. Maestas	Title	Regulatory Assista	ent	
Signature Maria a. Maetar	Date		10/13/2006	
THIS SPACE FOR FEDERAL	OR	STATE OFFI	CE USE	
Approved by		Title		Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject least which would entitle the applicant to conduct operations thereon.	or se	Office		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any patates any false, fictitious or fraudulent statements or representations as to any matter	erson within	knowingly and willfi	ully to make to a	ny department or agency of the United

(Instructions on page 2)

RECEIVED OCT 1 6 2006

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM	APPRO	)VE	D
OMBN	lo. 1004	-013	17
Expires:	March	31,	200

	L.Apites.	IAICH
Lease Seria	ıl No.	

	NOTICES AND DE	ODTO ON WE		U-49518	140.	
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an					6. If Indian, Allottee or Tribe Name	
Do not use the abandoned we	is form for proposals i ell. Use Form 3160-3 (	o driii or to re- APD) for such pi	enter an oposal <mark>s</mark> .	o. n manan,	motes of Tribe . Walls	
SUBMIT IN TRI	PLICATE- Other inst	ructions on reve	rse side.	7. If Unit or 0	CA/Agreement, Name and/or No.	
1. Type of Well	I EIGHTE GUIOF WIGH			Old Squ	aws Crossing Unit II	
Oil Well	Gas Well Other	•		8. Well Nam	e and No.	
2. Name of Operator EOG Resou	wass Inc			<u> </u>	aws Crossing Unit II 124-27	
ECG Resou	irces, inc.	[3] Di N C 1	1	9. API Wel		
3a. Address 600 17th Street, Suite 1000N, D		3b. Phone No. (include 303-824-5526	e area code)	10. Field and	Pool, or Exploratory Area Buttes/Wasatch/MV	
4. Location of Well (Footage, Sec., 1	T., R., M., or Survey Description)				r Parish, State	
666' FSL & 722' FEL (SE/SE) Sec. 27-T10S-R19E 39.91267					County, UT	
12. CHECK AF	PROPRIATE BOX(ES) TO	INDICATE NATU	RE OF NOTICE,	REPORT, OR	OTHER DATA	
TYPE OF SUBMISSION		T	PE OF ACTION			
	Acidize	Deepen	Production	(Start/Resume)	Water Shut-Off	
✓ Notice of Intent	Alter Casing	Fracture Treat	Reclamation	1	Well Integrity	
Subsequent Report	Casing Repair	New Construction			Other Commingling	
Final Abandonment Notice	Change Plans	Plug and Abandon				
	Convert to Injection	Plug Back	Water Dispo		rk and approximate duration thereof.	
determined that the site is ready EOG Resources, Inc. requ wellbore. In the event allo logs. Production from the tubing landed below all pe Attached is a map showin has been provided to own	of final inspection.)  dests authorization for commication of production is necess  Wasatch and Mesaverde for erforations in the 4-1/2" production.	ingling of production sary, the allocation wi mations will be comm fuction casing. contiguous oil and gas as leases or drilling u	from the Wasatch ll be based on proj ingled in the wellb leases or drilling t	and Mesaverde for portionate net pay ore and produced units and an affida	as calculated from open hole	
				.d - 113 :135	3-26-01 RM	
14. Thereby certify that the fore Name (Printed/Typed)	egoing is true and correct	<u> </u>				
Mary A. Maesta	ıs	Title	Regulatory Assist	ant		
Signature \\\ \alpha\ta	a. Marta	Date		02/26/2007		
	THIS SPACE FOR	FEDERAL OR			e	
			Acce		e of Federal Approval Of Thi संकाय Action Is Necessary	
Approved by	maked Assemble 6455 of	o does not were the	Title Ulai	as and Mir	HEIG ACTION IS 14000222	
Conditions of approval, if any, are certify that the applicant holds leg- which would entitle the applicant to	al or equitable title to those right	s in the subject lease	Office 2	121/04	<u> </u>	
Title 18 U.S.C. Section 1001 and Tit	le 43 U.S.C. Section 1212, make i	t a crime for any person	knowingly and will	fully to hake to an	department or agency of the United	
States any false, fictitious or fraudu	ilent statements or representation	is as to any matter within	ite prisdiction.	71	PECEIVED	

(Instructions on page 2)

FEB 2 7 2007

) ss

## COUNTY OF DENVER)

## **VERIFICATION**

Mary A. Maestas, of lawful age, being first duly sworn upon oath, deposes and says:

She is a Regulatory Assistant for EOG Resources, Inc. EOG Resources, Inc. is the operator of the following described well:

## Old Squaws Crossing Unit II 124-27 666' FSL – 722' FEL (SESE) SECTION 27, T10S, R19E UINTAH COUNTY, UTAH

EOG Resources, Inc., and Dominion Exploration & Production, Inc. are the only owners in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

On the 26<sup>th</sup> day of February, 2007 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

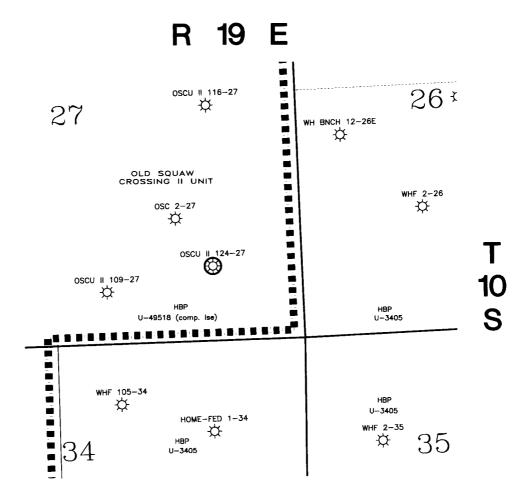
Said envelope, which contained these instruments, was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management, and Dominion Exploration & Production, Inc.

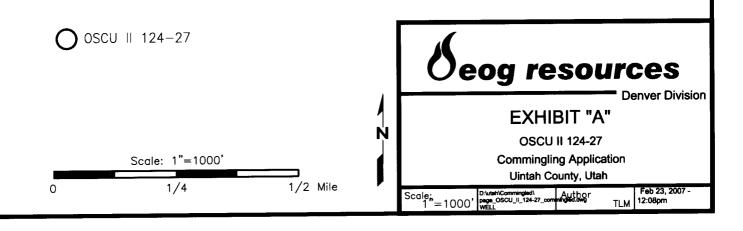
Further affiant saith not.

Mary A Maestas Regulatory Assistant

Subscribed and sworn before me this 26<sup>th</sup> day of February, 2007.

Motary Public





# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 200

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

U-49518		
_	If Indian	Albettan or Triba Name

5. Lease Serial No.

SUBMIT IN TRIPLICATE- Other instr	7. If Unit or CA/Agreement, Name and/or No. Old Squaws Crossing Unit II				
1. Type of Well Gas Well Other	8. Well Name and No.				
2. Name of Operator EOG Resources, Inc.				aws Crossing Unit II 124-27  No.	
3a. Address	3b. Phone No. (include	le urea code)	43-047-3	7679	
600 17th Street, Suite 1000N, Denver, CO 80202	303-824-5526			Pool, or Exploratory Area Buttes/Wasatch/MV	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					
666' FSL & 722' FEL (SE/SE) Sec. 27-T10S-R19E 39.912672 LAT 109.761281 LON			11. County or Parish, State Uintah County, UT		
12. CHECK APPROPRIATE BOX(ES) TO	INDICATE NATU	RE OF NOTICE, R	EPORT, OR	OTHER DATA	
TYPE OF SUBMISSION	TY	PE OF ACTION			
Acidize	Deepen	Production (Sta	rt/Resume)	Water Shut-Off	
Notice of Intent Alter Casing	Fracture Treat	Reclamation		Well Integrity	
Cosing Pennir	New Construction			Other	
Subsequent Report			ondon		
Final Abandonment Notice Convert to Injection	Plug and Abandon		MINON		
Final Abandonment Notice Convert to Injection	Plug Back	Water Disposal			
testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)  The referenced well was turned to sales on 3/1/2007. Please see the attached operations summary report for drilling and completion operations performed on the subject well.					
14. I hereby certify that the foregoing is true and correct			····		
Name (Printed/Typed)					
Mary A. Maestas Title Regulatory Assista					
Signature Man a. Man a	n_ Date		03/05/2007		
THIS SPACE FOR	FEDERAL OR	STATE OFFICE	USE		
Approved by		Title	I	Date	
Conditions of approval, if any, are attached. Approval of this notice certify that the applicant holds legal or equitable title to those rights which would entitle the applicant to conduct operations thereon.	in the subject lease	Office			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it	a crime for any persor	knowingly and willfully	to make to any	y department or agency of the United	
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.				RECEIVE	

(Instructions on page 2)

MAR 0 9 2007

## WELL CHRONOLOGY **REPORT**

Report Generated On: 03-05-2007

Well Name	OSCU II 124-27	Well Type	DEVG	Division	DENVER
Field	OLD SQUAW'S CROSSING	API#	43-047-37679	Well Class	COMP
County, State	UINTAH, UT	Spud Date	12-16-2006	Class Date	
Tax Credit	N	TVD/MD	10,200/ 10,200	Property #	056111
Water Depth	0	Last CSG	4.5	Shoe TVD / MD	10,182/ 10,182
KB / GL Elev	5,280/ 5,261				
Location	Section 27, T10S, R19E, SESI	E, 666 FSL & 722	FEL		

Event No	1.0			Description		RILL & COMPLETE	Ē				
Operator	EO	G RESOURC	ES, INC	WI %	10	0.0		NRI %		87.5	
AFE No		303288		AFE Total		2,241,100		DHC/0	cwc	1,058	,900/ 1,182,200
Rig Contr	PIO	NEER	Rig Name	e PIONE	ER #59	Start Date	03-	-16-2006	Release	Date	01-11-2007
03-16-2006	Re	eported By	C	INDY VAN RAN	IKEN						
DailyCosts: Da	rilling	\$0		Com	pletion	\$0		Dail	y Total	\$0	
Cum Costs: D	rilling	\$0		Com	pletion	\$0		Well	Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR De	<b>epth</b> : 0.0	0

**Activity at Report Time: LOCATION DATA** 

Hrs **Activity Description** Start End 06:00 06:00 24.0 LOCATION DATA:

> 666' FSL & 722' FEL (SE/SE) **SECTION 27, T10S, R19E UINTAH COUNTY, UTAH**

LAT 39.912708, LONG 109.760586 (NAD 27) LAT 39.912672, LONG 109.761281 (NAD 83)

PIONEER RIG #59

OBJECTIVE: 10,200' TD, MESAVERDE LPR

DW/GAS

OLD SQUAWS CROSSING PROSPECT DD&A: OLD SQUAWS CROSSING AREA

NATURAL BUTTES FIELD

LEASE: U-49518

ELEVATION: 5259.3' NAT GL, 5261' PREP GL (DUE TO ROUNDING 5261' IS THE PREP GL), 5280' KB (19')

EOG WI 100%, NRI 87.5%

09-20-2006 Reported By TERRY CSERE

C C4 D-:!!!				pletion	\$0 \$0			y Total		
Cum Costs: Drilling				pletion	<b>\$0</b>			Total		
<b>MD</b> 0	TVD		Progress	0	Days	0	MW		Visc	0.0
Formation :		<b>PBTD</b> : 0.0	_		Perf :			PKR Depth	1:0.0	
Activity at Report Ti										
Start End		ivity Descri	-							
06:00 06:00	24.0 STA	RTED CONS	TRUCTION C	F LOCAT	ION, 30% CO	MPLETE.				
)9-21-2006 Re	eported By	TER	RY CSERE							
DailyCosts: Drilling			Com	pletion	\$0		Dail	y Total	:	
Cum Costs: Drilling			Com	pletion	\$0		Well	Total		
<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		<b>PBTD</b> : 0.0			Perf:			PKR Depth	0.0	
Activity at Report Ti	me: BUILDIN	G LOCATION	4							
Start End	Hrs Acti	ivity Descri	ption							
06:00 06:00	24.0 LOC	CATION 40%	COMPLETE.							
99-22-2006 Re	eported By	TER	RY CSERE				THE PERSON NAMED AND ASSOCIATION OF STREET			
DailyCosts: Drilling			Com	pletion	\$0		Daily	y Total		
Cum Costs: Drilling			Com	pletion	\$0		Well	Total		
<b>MD</b> 0	TVD	0 1	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		<b>PBTD</b> : 0.0	J		Perf :			PKR Depth	: 0.0	
Activity at Report Ti	me: BUILDIN	G LOCATION	N					•		
Start End	Hrs Acti	ivity Descri	ption							
06:00 06:00	24.0 DRI	LLING ON P	IT. WILL SHO	OT IN AF	TERNOON.					
		TER	RY CSERE							
99-25-2006 Re	eported By									
09-25-2006 Re DailyCosts: Drilling	ported By		Com	pletion	\$0		Dail	y Total	٤,	
DailyCosts: Drilling	eported By			pletion pletion	\$0 \$0		•		e. •	
DailyCosts: Drilling Cum Costs: Drilling	eported By TVD	0 ]	Com	_	\$0	0	•	Total	•	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0	TVD	0 ] <b>PBTD :</b> 0.0		pletion		0	Well	Total 0.0	Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	TVD	<b>PBTD</b> : 0.0	Com Progress	pletion	\$0 Days	0	Well	Total	Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti	TVD me: BUILDIN	PBTD: 0.0	Com Progress	pletion	\$0 Days	0	Well	Total 0.0	Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti	TVD me: BUILDIN Hrs Acti	<b>PBTD</b> : 0.0	Com Progress N ption	pletion	\$0 Days	0	Well	Total 0.0	Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Til Start End 06:00 06:00	TVD me: BUILDIN Hrs Acti	PBTD: 0.0 G LOCATION ivity Descriphing OUT P	Com Progress N ption	pletion	\$0 Days	0	Well	Total 0.0	Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00	TVD me: BUILDIN Hrs Acti 24.0 PUS	PBTD: 0.0 G LOCATION ivity Descriphing OUT P	Com Progress  N ption PTT. RY CSERE	pletion 0	\$0 Days Perf:	0	Well MW	Total  0.0  PKR Depth	Visc	0.0
Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Til Start End 06:00 06:00 19-27-2006 Re Daily Costs: Drilling	TVD me: BUILDIN Hrs Acti 24.0 PUS	PBTD: 0.0 G LOCATION ivity Descriphing OUT P	Com Progress  N ption PTT. RY CSERE Com	pletion 0 pletion	\$0 Days Perf:	0	Well MW Dail	Total  0.0  PKR Depth	Visc	0.0
Daily Costs: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  19-27-2006 Re Daily Costs: Drilling Cum Costs: Drilling	TVD  me: BUILDIN  Hrs Acti 24.0 PUS  eported By	PBTD: 0.0 G LOCATION ivity Descrip HING OUT P TER	Com Progress  N ption PTT.  RY CSERE  Com Com	pletion 0 pletion pletion	\$0  Days  Perf:		Well MW Daily Well	Total  0.0  PKR Depth  y Total  Total	Visc 1: 0.0	
Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Til Start End 06:00 06:00 19-27-2006 Re Daily Costs: Drilling Cum Costs: Drilling	TVD  me: BUILDIN  Hrs Acti 24.0 PUS  eported By	PBTD: 0.0 G LOCATION ivity Descrip HING OUT P TER	Com Progress  N ption PTT. RY CSERE Com	pletion 0 pletion	\$0  Days  Perf:  \$0  \$0  \$0  Days	0	Well MW Dail	O.0 PKR Depth  y Total Total  0.0	Visc 1: 0.0	0.0
Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Til Start End 06:00 06:00 09-27-2006 Re Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation:	TVD  me: BUILDIN  Hrs Acti 24.0 PUS  eported By	PBTD: 0.0 G LOCATION ivity Descrip HING OUT P TER  0 PBTD: 0.0	Com Progress  N ption PIT. RY CSERE Com Com Progress	pletion 0 pletion pletion	\$0  Days  Perf:		Well MW Daily Well	Total  0.0  PKR Depth  y Total  Total	Visc 1: 0.0	
Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Til Start End 06:00 06:00 19-27-2006 Re Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Til	TVD  me: BUILDIN  Hrs Acti 24.0 PUS  eported By  TVD  me: BUILDIN	PBTD: 0.0 G LOCATION TER  0 PBTD: 0.0	Com Progress N ption PIT. RY CSERE Com Com Progress	pletion 0 pletion pletion	\$0  Days  Perf:  \$0  \$0  \$0  Days		Well MW Daily Well	O.0 PKR Depth  y Total Total  0.0	Visc 1: 0.0	
Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Til Start End 06:00 06:00 09-27-2006 Re Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation:	TVD  me: BUILDIN  Hrs Acti 24.0 PUS  eported By  TVD  me: BUILDIN  Hrs Acti	PBTD: 0.0 G LOCATION ivity Descrip HING OUT P TER  0 PBTD: 0.0	Com Progress N ption PIT. RY CSERE Com Com Progress	pletion 0 pletion pletion	\$0  Days  Perf:  \$0  \$0  \$0  Days		Well MW Daily Well	O.0 PKR Depth  y Total Total  0.0	Visc 1: 0.0	

DailyCosts	s: Drilling			Com	pletion	\$0		Daily	Total		
Cum Cost	s: Drilling			Com	pletion	\$0		Well	Total		
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	1:		<b>PBTD</b> : 0.6	O		Perf:			PKR Dep	<b>th:</b> 0.0	
Activity at	Report Ti	me: BUIL	DING LOCATIO	ON							
Start	End	Hrs	<b>Activity Descr</b>	iption							
06:00	06:00	24.0	FINAL BLADIN	1G							
9-29-20	06 Re	ported F	By TE	RRY CSERE							
DailyCost	s: Drilling			Com	pletion	\$0		Daily	Total		
Cum Cost	s: Drilling			Com	pletion	\$0		Well	Total		
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	1:		<b>PBTD</b> : 0.	0		Perf:			PKR Dep	th: 0.0	
Activity a	t Report Ti	me: BUII	DING LOCATIO	NC							
Start	End	Hrs	Activity Descr	ription							
06:00	06:00	24.0	LOCATION CO	MPLETE.							
100620	06 R	eported I	By CI	NDY VAN RAN	IKEN						
DailyCost	s: Drilling			Con	pletion	\$0		Dail	y Total		
Cum Cost	s: Drilling			Con	pletion	\$0		Well	Total		
MD	0	TVD	0	Progress	0	Days	8	MW	0.0	Visc	0.0
Formatio	n:		<b>PBTD</b> : 0.	0		Perf:			PKR De	oth: 0.0	
Activity a	t Report Ti	me: WO	AIR RIG								
Start	End	Hrs	Activity Descr	ription							
06:00	06:00	24.0	ROCKY MOUN CEMENT TO S DANIELS W/U	URFACE WITH	I READY	MIX. JERRY	BARNES N	06 @ 10:30 A NOTIFIED M	AM, SET 40' C IICHAEL LEE	F 14" CONDI W/BLM ANI	UCTOR, D CAROL
10-12-20	06 R	eported l	By JO	HN HELCO							
DailyCost	ts: Drilling			Con	npletion	\$0		Dail	y Total		
=	ts: Drilling			Con	- npletion	\$0		Well	Total	t	
MD	2,479	TVD	2,479	Progress	0	Days	9	MW	0.0	Visc	0.0
Formatio			<b>PBTD</b> : 0	•		Perf:			PKR De	oth: 0.0	
	t Report Ti	ime: WO	RT								
Start	End	Hrs	Activity Desc	ription							
06:00	06:00		MIRU BILL JR RAN 56 JTS (2 FLOAT COLLA LANDED @ 24	'S AIR RIG #8 418.80') OF 9- AR. 8 CENTRA	5/8", 36.0# LIZERS S	FT, J-55, ST PACED MIDD	&C CASING	G WITH WE DE JOINT A	ATHERFORD ND EVERY C	GUIDE SHO OLLAR TILL	E AND

RU BIG 4 CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 155 BBLS FRESH WATER & 40 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 220 SX (149.6 BBLS) OF PREMIUM LEAD CEMENT W/16% GEL, 10#/SX GILSONITE, 3#/SX GR-3, 3% SALT & ¼ #/SX FLOCELE. MIXED LEAD CEMENT @ 11 PPG W/YIELD OF 3.82 CFS. TAILED IN W/200 SACKS (41 BBLS) OF PREMIUM CEMENT W/2% CaCl2 & ¼ #/SX FLOCELE. MIXED TAIL CEMENT TO 15.8 PPG W/YIELD OF 1.15 CFS. DISPLACED CEMENT W/182 BBLS FRESH WATER. BUMPED PLUG W/1000# @ 3:31 PM, 10/10/2006. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. BROKE CIRCULATION 60 BBLS INTO DISPLACEMENT. CIRCULATED 13 BBLS OF LEAD CEMENT TO PIT. CEMENT FELL BACK AT SURFACE WHEN PLUG BUMPED.

TOP JOB #1: PUMPED DOWN 200' OF 1" PIPE. MIXED & PUMPED 150 SX (31 BBLS) OF PREMIUM CEMENT W/3% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED AND CIRCULATED 7 BBL LEAD CEMENT TO PIT. HOLE FELL BACK WHEN PUMPING STOPPED. WOC 1 HR 30 MIN.

TOP JOB #2: MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT W/2%  $C_{3}$ C12 & ½#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED AND STOOD FULL. RD BIG 4 CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

MIRU SLICK LINE UNIT & SURVEY TOOL. RAN IN HOLE & TAGGED @  $2316^\circ$  PICK UP TO  $2290^\circ$  & TOOK SURVEY, = 1 DEGREE.

JOHN HELCO NOTIFIED DONNA KINNEY W/VBLM OF THE SURFACE CASING & CEMENT JOB ON 10/10/2006 @ 10:30 AM.

12-14-20	006 R	Reported I	By Bi	RIAN DUTTON	I						
DailyCos	ts: Drilling			Соп	npletion	\$0		Dail	ly Total		
Cum Cos	sts: Drilling			Con	npletion	\$0		Wel	l Total		
MD	2,479	TVD	2,479	Progress	0	Days	12	MW	0.0	Visc	0.0
Formatio	n:		<b>PBTD</b> : 0	.0		Perf:			PKR Dep	oth: 0.0	
Activity :	at Report T	ime: RIG	UP								
Start	End	Hrs	Activity Desc	ription							
06:00	13:30	7.5	MIRU/RDMO. AND SCOPED THE OSC II 10		AD OUT D	ERRICK CA					
13:30	18:00	4.5	MIRU/RDMO,	SET SUB-STR	UCTURE,	MUD PITS, N	IUD PUMP	S, CARRIE	R, DOG HOUS	E AND SUIT	CASES.
18:00	06:00	12.0	MIRU/RDMO,	SHUT DOWN	FOR THE	NIGHT AND	WAIT ON E	AYLIGHT.			
			NO ACCIDENT	гѕ							
			SAFETY MEE	TING WITH PI	ONEER PE	ERSONEL AN	D L&S TRI	JCKING: RI	IG MOVE/OVE	R HEAD LO	ADS

SAFETY MEETING WITH PIONEER PERSONEL AND L&S TRUCKING: RIG MOVE/OVER HEAD LOADS
7 MEN WORKING 12 HRS

15 2006 Personal Brit. PRIAN DIETTON

12-15-2	2006 F	Reported 1	<b>By</b> Bi	RIAN DUTTON							
DailyCo	sts: Drilling	;		Com	pletion	\$0					
Cum Co	sts: Drilling	;		Com	pletion	\$0		Well '	Total		
MD	2,479	TVD	2,479	Progress	0	Days	13	MW	0.0	Visc	0.0
Formati	ion :		<b>PBTD</b> : 0	.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity	at Report T	ime: NU	ВОРЕ								
Start	End	Hrs	Activity Desc	ription							

Cum Costs: 1	Drilling			Co	mpletion	\$0		Well	Total		
Dany Costs: 1											
Dalla Caston I	Drilling				mpletion	\$0			y Total		
12-17-2006	Re	eported l	Ву В	RIAN DUTTO	N						
			DIESEL FUEL	. USED 230 GA	ALS, ON H	AND 4910 GAI	LS				
			SAFETY MEE	TING: PICKIN	IG UP BHA	/DRILL PIPE	IN V-DOO	R			
			NO ACCIDEN	TS							
			FULL CREWS								
05:50	00.00	0.3	I ICK OF KELI	LI. INGIALL I		NODDEN.					
00:00 05:30	05:30 06:00		PICK UP KELI				71 ,				
21:30	00:00		PICK UP KELI PICK UP BHA								
19:30	21:30		RIG REPAIR, V					KOM PIONE	EKS YARD II	N VEKNAL.	
		=	EQUIPMENT I					00M BIOS	EDCMARD "	IVEDNIAT	
18:30	19:30	1.0	RIG SERVICE.				VORK, MU	D PUMPS A	ND LIGHT P	LANTS. GRE	ASE ALL
15:30	18:30	3.0	HAVE WELDE	R TRIM OFF	BELL REST	T ON SWIVEL					
14:00	15:30	1.5	SLIP AND CU	T DRILLING I	INE.						
12:00	14:00	2.0	UNLOAD SWI	VEL, KELLY	AND JARS.						
10:00	12:00		RELEVEL DEI								
08:00	10:00	2.0	MOVE NEW B	HA ON PIPE I	RACKS, ST	RAP AND CA	LIPER SAN	Æ.			
06:00	08:00		NU ROTATING	-	FLOWLINE	<b>3</b> .					
•	nd	Hrs	Activity Desc								
	enort Tir	me: INST	ALL ROTATING						•		
ormation :	•		<b>PBTD</b> : 0	J		Perf:			PKR Dep	oth: 0.0	
<b>(D</b>	2,479	TVD	2,479	Progress	0	Days	0	MW	0.0	Visc	0.0
Cum Costs: I				Cor	mpletion	\$0		Well	Total		
DailyCosts: D	Prilling			Cor	mpletion	\$0		Daily	Total		
2-16-2006	Re	ported B	By BF	RIAN DUTTO	4						
			APROXIMATE	SPUD IN TIM	IE 17:00 – I	8:00 HRS TO	DAY	W			
			DIESEL ON HA	AND 1742 GAI	LS, USED 2	38 GALS					
			SAFETY MEET	ΓING: NU ANI	TEST BO	PE					
			NO ACCIDENT	rs							
05:00	06:00	1.0	NU ROTATING	HEAD, FLOV	vline, fil	L UP LINE AN	INSTAL	L WEAK BU	SHING.		
			TO 250 PSI LO	W, 2500 PSI H	IGH. TEST	CASING TO 1	500 PSI FO	R 30 MINS.			
02:30	05:00		STACK MUD C TEST BOPS, PI					O 250 PSI LO	OW. 5000 PSI	HIGH, TEST	ANNULAR
18:00	02:30		NU/ND BOP. IN							0 PSI FOR 15	MINS.
	10.00		INSTALL GUID							ERRICKANL	. SCOLE OI
13:00	18:00	5.0	MIRU/RDMO.	WELD ON ST	NO DIDE	DD ACEC SCO	DE CLID CT	CDLICTUDE	IID DAICE D	EDDICKAND	SCOPE LIP

Perf:

**PBTD**: 0.0

**Activity Description** 

Start

Formation:

Hrs

Activity at Report Time: DRILLING

End

PKR Depth: 0.0

06:00	08:30	2.5 CO ROT HEAD RUBBER. TESTED BOTH MUD PUMP TO MAKE SURE THEY WERE READY TO GO. TIGHTEN WASH PIPE PACKING AND FILL SWIVEL WITH OIL.
08:30	. 11:00	2.5 DRILL CEMENT/FLOAT EQUIPMENT 2,341' TO 2,437', GPM/PSI @ 382/678, WOB BIT 2K – 5K, MOTOR RPM @ 61, ROTARY TABLE 40 RPM, ROP @ 90' – 130', AVG ROP @ 38.4.
11:00	11:30	0.5 DRILL ROTATE FROM 2,437' – 2,447', GPM/PSI @ 382/730, WOB BIT 2K – 5K, MOTOR RPM @ 61, ROTARY TABLE 50 RPM, ROP @ 90' – 130', AVG ROP @ 20.0.
11:30	12:00	0.5 CIRCULATE FOR BOTTOMS UP, PUMP 70 BBL, 45 VIS, 10 PPB LCM PILL ON BOTTOM. PULL BIT INTO CASING SHOE. CONDUCT FIT @ 2,437', 490 PSI WITH 8.5 PPG FLUID, EMW 12.36 PPG.
12:00	15:30	3.5 DRILL ROTATE 2,447' – 2,676', GPM/PSI @ 382/790, WOB @ 10K – 14K, MUD MOTOR RPM @ 61, ROTARY TABLE @ 50, ROP @ 69' – 79', AVG ROP @ 65.4 FPH.
15:30	19:30	4.0 DRILL ROTATE 2,676' – 2,992', GPM/PSI @ 474/1150, WOB @ 15K – 20K, MUD MOTOR RPM @ 76, ROTARY TABLE @ 50, ROP @ 88' – 139', AVG ROP @ 79.0 FPH.
19:30	20:00	0.5 SURVEY DEPTH @ 2,916', 1.75 DEGREES.
20:00	04:30	8.5 DRILL ROTATE 2,992' - 3,498', GPM/PSI @ 474/1150, WOB @ 15K - 20K, MUD MOTOR RPM @ 76, ROTARY TABLE @ 50, ROP @ 67' - 189', AVG ROP @ 59.5 FPH.
04:30	05:00	0.5 SURVEY DEPTH @ 3,410', 1.75 DEGREES.
05:00	06:00	1.0 DRILL ROTATE 3,498' - 3,562', GPM/PSI @ 474/1300, WOB @ 15K - 20K, MUD MOTOR RPM @ 76, ROTARY TABLE @ 40 - 50, ROP @ 128' - 130', AVG ROP @ 64.0 FPH.

NO ACCIDENTS

**FULL CREWS** 

SAFETY MEETING: PINCH POINTS WHILE WORKING ON MUD PUMPS

DIESEL FUEL ON HAND 3643 GALS, USED 1267 GALS

LITHOLOGY: SH 55%, SS 30%, LS 15% BGG 100U, CONN GAS 325U, HIGH GAS 804U

FORMATION GREEN RIVER TOP @ 1,537'

06:00	18.0 SPUD 7 7/8" HOLE AT 12:00 HRS (NOON) 12/16/06

12-18-2006	R	eported By	В	RIAN DUTTON	1						
DailyCosts: Dr	rilling	\$		Cor	npletion	\$0		Daily	Total	•	
Cum Costs: Di	rilling			Cor	npletion	\$0		Well 7	<b>Fotal</b>		
MD :	5,238	TVD	5,238	Progress	1,676	Days	2	MW	8.55	Visc	35.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	pth : 0.0	
Activity at Rep	port T	ime: DRILLIN	NG								

Start	End	Hrs	Activity Description
06:00	14:30	8.5	DRILL ROTATE 3,562' – 4,289', GPM/PSI @ 474/1430, WOB @ 15K – 20K, MUD MOTOR RPM @ 76, ROTARY TABLE @ 40 – 50, ROP @ 98' – 120', AVG ROP @ 85.5 FPH.
14:30	15:00	0.5	SERVICE RIG. GREASE BLOCK AND SWIVEL.
15:00	18:30	3.5	DRILL ROTATE 4,289' – 4,510', GPM/PSI @ 474/1580, WOB @ 15K – 20K, MUD MOTOR RPM @ 76, ROTARY TABLE @ 40 – 50, ROP @ 103' – 180', AVG ROP @ 63.1 FPH.
18:30	19:00	0.5	SURVEY DEPTH @ 4,425', 2.3 DEGREES.
19:00	00:00	5.0	DRILL ROTATE 4,510' – 4,885', GPM/PSI @ 474/1550, WOB @ 15K – 20K, MUD MOTOR RPM @ 76, ROTARY TABLE @ 40 – 50, ROP @ 76' – 153', AVG ROP @ 75.0 FPH.
00:00	06:00	6.0	DRILL ROTATE 4,885' – 5,238', GPM/PSI @ 474/1540, WOB @ 18K – 20K, MUD MOTOR RPM @ 76, ROTARY TABLE @ 40 – 50, ROP @ 90' – 125', AVG ROP @ 58.8 FPH.

NO ACCIDENTS

SAFETY MEETING: SAFE DRIVING PRACTICES TO AND FROM LOCATION

**FULL CREWS** 

DIESEL FUEL USED 1584 GALS, DIESEL FUEL ON HAND 2059 GALS

LITHOLOGY: RD SH 70%, SS 20%, SH 10% BGG 125U, CONN GAS 350U, HIGH GAS 449U

FORMATION TOPS: GREEN RIVER @ 1537', WASATCH @ 4362', CHAPITA WELLS @ 4,994'

12-19-200		ported I	By BI	RIAN DUTTO	N						
DailyCosts	: Drilling			Co	mpletion	\$0		Dail	y Total		
Cum Costs	: Drilling			Co	mpletion	\$0		Well	l Total		
MD	6,281	TVD	6,281	Progress	1,043	Days	3	$\mathbf{M}\mathbf{W}$	9.15	Visc	34.0
Formation	:		<b>PBTD</b> : 0	.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	Report Ti	me: DRII	LLING								
Start	End	Hrs	Activity Desc	ription							
06:00	07:00	1.0	DRILL ROTAT TABLE @ 40 -					18K – 20K, N	UD MOTOR	RPM @ 76, F	ROTARY
07:00	12:30	5.5	DRILL ROTAT TABLE @ 40 -					18K – 20K, N	AUD MOTOR	RPM @ 61, F	ROTARY
12:30	13:30	1.0	DRILL ROTAT TABLE @ 40 -					18K - 20K, N	MUD MOTOR	RPM @ 76, F	ROTARY
13:30	14:00	0.5	SURVEY DEP	TH @ 5,511',	1.5 DEGREI	ES.					
14:00	16:30		DRILL ROTAT TABLE @ 40 -	- 50, ROP @ 7	3' – 116', A	/G ROP @ 6	4.8 FPH.				ROTARY
16:30	17:00		SERVICE RIG								
17:00	22:30		DRILL ROTAT TABLE @ 40 -	- 50, <b>ROP @</b> 4	0' – 81', AV	G ROP @ 45	.5 FPH.				
22:30	04:30	6.0	DRILL ROTAT TABLE @ 40 -					18K – 20K, N	UD MOTOR	RPM @ 76, F	ROTARY
04:30	06:00	1.5	DRILL ROTAT TABLE @ 40 -					18K – 20K, N	MUD MOTOR	RPM @ 61, F	ROTARY
			NO ACCIDEN	TS							
			SAFETY MEE	TING: KEEP	ING WALK	WAYS CLEA	AR FROM SI	NOW AND IC	Œ		
			DIESEL FUEL	ON HAND 4	,752 GALS,	USED 1,350	GALS				
			LITHOLOGY:								
			BGG 110U, CC					(A) CII. DIT		4 00 41 PH 614	CANBON O
			FORMATION 5,719'	TOP: GREEN	KIVER @ I	,537', WAS/	AICH @ 4,3	62', CHAPII	A WELLS @	4,994°, BUCK	CANTON @
12-20-20	06 R	eported :	Ву В	RIAN DUTTO	ON						
DailyCost	s: Drilling		i	C	ompletion	\$0			ly Total		
Cum Cost	s: Drilling	•		C	ompletion	\$0		Wel	l Total	•	
MD	7,041	TVD	7,041	Progress	760	Days	4	MW	9.5	Visc	38.0
Formation	ı :		PBTD:	0.0		Perf:			PKR De	epth: 0.0	
Activity at	t Report T	ime: DRI	LLING								
Start	End	Hrs	Activity Des	cription							

06:00	13:30	7.5 DRILL ROTATE 6281' – 6598', GPM/PSI @ 382/1460, WOB @ 18K – 20K, MUD MOTOR RPM @ 61.0, ROTARY TABLE @ 35 – 50, ROP @ 38' – 83', AVG ROP @ 42.3 FPH, TOTAL FOOTAGE 317'.
13:30	14:00	0.5 CIRCULATE FOR SURVEY.
14:00	14:30	0.5 SURVEY DEPTH @ 6520' 1.84 DEGREES.
14:30	15:30	1.0 DRILL ROTATE 6598' - 6669', GPM/PSI @ 474/1845, WOB @ 20K - 25K, MUD MOTOR RPM @ 76.0, ROTARY TABLE @ 35 - 50, ROP @ 47' - 110', AVG ROP @ 71.0 FPH, TOTAL FOOTAGE 71'.
15:30	16:00	0.5 SERVICE RIG. GREASE BLOCKS, DRAWORKS, CHECK OIL IN MUD PUMPS, ROTARY TABLE AND DRAWWORKS.
16:00	18:00	2.0 DRILL ROTATE 6669' – 6715', GPM/PSI @ 441/1688, WOB @ 20K – 25K, MUD MOTOR RPM @ 71.0, ROTARY TABLE @ 35 – 50, ROP @ 24' – 97', AVG ROP @ 23.0 FPH, TOTAL FOOTAGE 46'.
18:00	20:00	2.0 RIG REPAIR. SWIVEL PACKING WENT OUT, PULL PACKING AND CHANGE.
20:00	23:00	3.0 DRILL ROTATE 6715' - 6835', GPM/PSI @ 441/1744, WOB @ 20K - 25K, MUD MOTOR RPM @ 71.0, ROTARY TABLE @ 35 - 50, ROP @ 50' - 110', AVG ROP @ 40.0 FPH, TOTAL FOOTAGE 120'.
23:00	01:00	2.0 RIG REPAIR. SWIVEL PACKING START LEAKING, CHANGE O RINGS AND TIGHTEN UP.
01:00	06:00	5.0 DRILL ROTATE 6835' – 7041', GPM/PSI @ 441/1628, WOB @ 20K – 25K, MUD MOTOR RPM @ 7.0, ROTARY TABLE @ 35 – 50, ROP @ 28' – 96', AVG. ROP @ 41.2 FPH, TOTAL FOOTAGE 206'.

NO ACCIDENTS

SAFETY MEETING: WORKING ON AND CHANGING OUT SWIVEL PACKING

**FULL CREWS** 

DIESEL FUEL ON HAND 3484 GALS, FUEL USED 1268 GALS

LITHOLOGY: SS: 65%, SH: 25%, SLTSTN: 10% BGG 115 U, CONN GAS 350 U, HIGH GAS 513 U

FORMATION TOP: GREEN RIVER @ 1537', WASATCH @ 4362', CHAPITA WELLS @ 4994', BUCK CANYON @ 5719', NORTH HORN @ 6570'

12-21-20	006 R	eported E	By BI	RIAN DUTTON	٧						
DailyCos	ts: Drilling			Cor	npletion	\$0		Daily	Total		
Cum Cos	ts: Drilling			Cor	npletion	\$0		Well '	Total	•	
MD	7,550	TVD	7,550	Progress	509	Days	5	MW	9.6	Visc	32.0
Formatio	n:		<b>PBTD</b> : 0	.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	at Report T	ime: TRIP	OUT OF HOLE	3							
Start	End	Hrs	Activity Desc	ription							
06:00	13:00	7.0	DRILL ROTAT	E 7041' - 7263	', GPM/PSI	i @ 441/1628,	WOB @ 20	K - 25K. MU	D MOTOR F	RPM @ 710 I	ROTARY

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL ROTATE 7041' – 7263', GPM/PSI @ 441/1628, WOB @ 20K – 25K, MUD MOTOR RPM @ 71.0, ROTARY TABLE @ 35 – 50, ROP @ 26' – 91', AVG ROP @ 31.7 FPH, TOTAL FOOTAGE 222'.
13:00	13:30	0.5	SERVICE RIG. CHANGED OIL AND FILTERS IN #2 DRAWWORKS MOTOR.
13:30	00:00	10.5	DRILL ROTATE 7263' – 7550', GPM/PSI @ 441/1628, WOB @ 20K – 25K, MUD MOTOR RPM @ 71.0, ROTARY TABLE @ 35 – 50, ROP @ 14' – 68', AVG ROP @ 27.3 FPH, TOTAL FOOTAGE 287'.
00:00	00:30	0.5	PUMP PILL, BLOW DOWN KELLY AND INSTALL ELEVATORS.
00:30	06:00	5.5	TRIP OUT OF HOLE WITH BIT #1.

NO ACCIDENTS FULL CREWS

SAFETY MEETING: WATCHING PINCH POINTS WHILE TRIPPING PIPE DIESEL FUEL ON HAND 20596 GALS, DIESEL FUEL USED 1425 GALS

LITHOLOGY: SS 50%, SH 40%, SLTSTN 10%

BGG 115 U, CONN GAS 400 U, HIGH GAS 4568 U @ 76335'

FORMATION TOPS: GREEN RIVER @ 1537', WASATCH @ 4362', CHAPITA WELLS @ 4994', BUCK CANYON @ 5719, NORTH HORN @ 6570'

			5719, NORTH H	ORN @ 6570'							
12-22-200	06 R	eported l	By BR	IAN DUTTON							
DailyCosts	s: Drilling			Com	pletion	\$0		Dail	y Total	\$	
Cum Cost	s: Drilling			Com	pletion	\$0		Well	Total		
MD	7,550	TVD	7,550	Progress	0	Days	6	MW	9.8	Visc	33.0
Formation	ı :		<b>PBTD</b> : 0.0	0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	t Report Ti	ime: WAS	SH AND REAM								
Start	End	Hrs	Activity Descr	ription							
06:00	10:30	4.5	TRIP OUT OF H	IOLE WITH #1	BIT, LD	ROLLER RE	AMERS, MU	D MOTOR	AND CHANC	ED BIT.	
10:30	14:30	4.0	RIG REPAIR. W	ORK ON DRA	wwork	S MOTORS	SHOOT GRO	OUND FAUL	Γ AND REPA	IR SAME.	
14:30	15:00	0.5	SERVICE RIG.	FUNCTION TE	ESTED BL	IND RAMS.					
15:00	15:30	0.5	PU & LD BHA	& TOOLS, BIT	, BIT SUB	AND TWO	ROLLER RE	AMERS, ON	IE @ 30' ANI	ONE @ 60'.	
15:30	20:00	4.5	TRIP IN HOLE	FILL PIPE AT	THE SHO	E 2437' AND	TRIP IN HO	DLE TAG UP	@ 3434'.		
20:00	06:00	10.0	WASH/REAM 3	434' - 4448'.							
			NO ACCIDENT	S							
			FULL CREWS								
			SAFETY MEET	ING: LD TUB	ULARS IN	V-DOOR					
			DIESEL FUEL	ON HAND 554	4 GALS, I	DIESEL FUE	L USED 100	0 GALS			
12-23-20	06 R	eported l	By BR	IAN DUTTON	i						
DailyCost	s: Drilling			Con	pletion	\$0		Dail	y Total		
Cum Cost	s: Drilling			Con	pletion	\$0		Well	Total		
MD	7,803	TVD	7,803	Progress	253	Days	7	MW	10.5	Visc	36.0
Formation	n:		<b>PBTD</b> : 0.	0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report T	ime: DRI	LLING								
Start	End	Hrs	Activity Descr	ription							
06:00	07:30	1.5	TRIP IN HOLE	FROM 4448' –	5210' TA	G BRIDGE.					
07:30	12:30	5.0	WASH/REAM F	ROM 5210' -	5682'. BR	OKE 4 STAN	ID DOWN O	UT OF DER	RICK.		
12:30	15:00	2.5	TRIP IN HOLE	FROM 5682' -	7392', TA	G BRIDGE.	WORKED C	NE JOINT C	OUT OF TIGH	IT HOLE AND	LD SAME.
15:00	19:30	4.5	PICK UP KELL	Y AFTER GET	TING FRI	EE FROM TI	GHT SPOT.	WASH AND	REAM FROM	<b>1</b> 7392' – 7550	<b>'</b> .
19:30	06:00	10.5	DRILL ROTATE 25'-50', AVG R					OB @ 15K-20	OK, ROTARY	TABLE @ 60-	-75, ROP @
			NO ACCIDENT	'S							
			SAFETY MEET	TING: INSPEC	TING ALL	. EQUIPMEN	NT WHEN C	OME ON TO	WER		
			FULL CREWS								
			DIESEL FUEL	ON HAND 427	6 GALS, 1	DIESEL FUE	L USED 126	8 GALS			
			LITHOLOGY: S	SS 60%, SH 309	%, RDSH1	0%					
			BGG 115U, CO	NN GAS 400U							
			FORMATION T 5719', NORTH			1537', WAS	ATCH @ 436	62', CHAPITA	A WELLS @	4994', BUCK (	CANYON @

12 24 20	04 D.	on and ad Day	BRIAN DUTTON	.1						
12-24-20					**					
-	s: Drilling	•		npletion	\$0			y Total	•	
Cum Cos	ts: Drilling		Cor	npletion	\$0		Wel	l Total		
MD	8,594	<b>TVD</b> 8,594	Progress	791	Days	8	MW	10.6	Visc	42.0
Formation	n:	PBTD :	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: DRILLING								
Start	End	Hrs Activity De	scription							
06:00	11:30	5.5 DRILL ROTA 30'-80', AVO	ATE FROM 7803' G ROP @ 34.5 FP				B @ 20K-2	5K, ROTARY	TABLE @ 60	–75, ROP @
11:30	12:00	0.5 SERVICE RI PUMPS.	G. GREASE BLC	CKS AND	DRAWWOI	RKS, CHECK	OIL IN SV	VIVEL, DRAV	VWORKS AN	D MUD
12:00	04:00	16.0 DRILL ROTA 25'-80', AVG	ATE FROM 7993' G ROP @ 33.6 FP				B @ 20K-2	5K, ROTARY	TABLE @ 60	–75, ROP @
04:00	04:30	0.5 HOLE/MUD AFTER CON		ORK TIGH	T HOLE AF	TER CONN.	ACTS LIKE	HOLE SLUF	ED IN WHIL	E DRILLING
04:30	06:00	1.5 DRILL ROTA 25'-30', AVG	ATE FROM 8530' G ROP @ 42.7 FP				B @ 20K-2	5K, ROTARY	TABLE @ 60	–75, ROP @
		NO ACCIDE	NTS							
		FULL CREV	/S							
		SAFETY ME	ETING: ICE SLI	PS AND FA	LLS					
		CHECK CRO	OWN-O-MATIC							
		DIESEL FUI	L ON HAND 277	72 GALS, I	DIESEL FUE	L USED 150	4 GALS			
		LITHOLOG	Y: SH 60%, SLTS	TN 30% S9	5 10%					
			CONN GAS 400U			7732'				
12-25-20	06 R	eported By	BRIAN DUTTON	١						
DailyCost	ts: Drilling	-	Cor	npletion	\$0		Dail	y Total		
•	ts: Drilling			npletion	\$0			l Total		
MD	8,694	<b>TVD</b> 8,694		88	Days	9	MW	10.9	Visc	43.0
Formatio	n:	PBTD :			Perf :		144 44	PKR De		45.0
		me: TRIP OUT OF HO						TIM DU	<b>pea .</b> 0.0	
Start	End	Hrs Activity De								
06:00	12:00	6.0 DRILL ROTA	-	- 8682' G	PM/PSI@3	85/1400 WO	n a 2014_2	SK DOTADV	TADIE @ 60	75 POP @
			G ROP @ 14.7 FP				D @ 20R-2	JK, KOIAKI	IABLE @ 00	-/3, KOP W
12:00	12:30		ROPPED SURVE	Y DEPTH (	<b>№ 8645', 1.7</b> 2	DEGREES.				
12:30	13:00	0.5 PUMP PILL.								
13:00	17:00	4.0 TRIP OUT C	F HOLE TO 3282	2'. WORK	right hol	E FROM 328	2' - 2828'.			
		ELILI CDEN	<i>1</i> 0							
		FULL CREV		NOINTO W	III E TRIBE	INC DIDE				
		NO ACCIDE	EETING: PINCH I	FOINTS W	HILE I KIPP	ING PIPE				
				IO CALE E	Mecer ere	I LICED 100	OCALS			
17:00	18:30		EL ON HAND 601							
17:00	21:30		AND CIRCULATE							
10.30	41.30	J.O TKIF OUT C	F HOLE, LD ROI	LLER KEA	WIERO, BII	OUD AND	11. 			

21:30	22:30	1.0	PU MUD MOT	OR AND PDC	BIT.					
22:30	01:00		TRIP IN HOLE							
01:00	02:30	1.5	WENT TO INS	TALL ROTATIN	NG RUBBE	R LOST 24"	PIPE WREN	ICH DOWN	HOLE.	
02:30	06:00	3.5	TRIP OUT OF	HOLE SLOW F	OR PIPE V	RENCH.				
12-26-20	06 Re	ported I	By BF	RIAN DUTTON						
DailyCost	s: Drilling			Con	apletion	\$0		Dail	y Total	
Cum Cost	ts: Drilling			Con	npletion	\$0		Well	Total	
MD	8,686	TVD	8,686	Progress	0	Days	10	MW	11.0 <b>Visc</b>	42.0
Formatio	n:		<b>PBTD</b> : 0	.0		Perf:			PKR Depth: 0.0	
Activity a	t Report Ti	me: MIL	LING							
Start	End	Hrs	Activity Desc	ription						
06:00	07:30	1.5	TRIP OUT OF	- HOLE FOR PIP	E WRENC	н то вор s	TACK.			
07:30	12:00	4.5	FISH PIPE WR	ENCH OUT OF	BOP STA	CK. LD MUE	MOTOR A	ND PDC BI	Т.	
12:00	13:00	1.0	WAIT FOR 4 B	LADE MILL F	ROM WEA	THERFORD.				
13:00	14:00		TRIP, MAKE U					E TO SHOE	<b>.</b>	
14:00	15:00		CO ROT HEAD							
15:00	15:30		SERVICE RIG.					KS AND MU	ID PUMPS.	
15:30	17:00		TRIP IN HOLE							
17:00	22:00		TRIP IN HOLE WITH JUNK SUB AND MILL FROM 4575'-8648'.							
22:00	01:00		RIG REPAIR.							
01:00	06:00	5.0	MILL ON FISH	I FROM 8682'-	-8686'. WT	ON MILL 21	K-7K, GPM	/PSI @ 385/	1222, ROT @ 40-45 RPM	Ι.
			DIESEL FUEL	TING: THAWII ON HAND 514	48 GALS, I			GALS		
12-27-20	)06 R	eported :	By B	RIAN DUTTON	٧					
DailyCos	ts: Drilling	-	•	Cor	npletion	\$0		Dai	ly Total	
-	ts: Drilling				npletion	\$0		Wel	l Total	
MD	8,686	TVD	8,686	Progress	0	Days	11	MW	11.1 Visc	38.0
Formatio			PBTD : (	•		Perf:			PKR Depth: 0.0	
		ime: SLII	P & CUT DRILL						•	
Start	End	Hrs	Activity Desc							
06:00	13:00		CIRCULATE,	=	T BACK U	P FROM 10.	8 PPG TO 1	1.1 <b>PPG</b> .		
13:00	13:30		PUMP PILL. F							
13:30	20:00		TRIP OUT OF							
20:00	21:30			-					V/GAL MUD MOTOR AN	ND PDC BIT.
21:30	02:00		TRIP IN HOLI							
02:00	03:30		CO ROT HEAD							
03:30	04:00		TRIP IN HOLI				•			
03:30	05:30		TRIP OUT OF			E SHOE TO	SLIP AND	CUT DRILL	ING LINE.	
04.00	05.50	1	501.01							

0.5 SLIP & CUT DRILL LINE.

05:30

06:00

NO ACCIDENTS

**FULL CREWS** 

SAFETY MEETING: WEARING THE PROPER PPE WHILE CHANGING TONG DIES

DIESEL FUEL ON HAND 4118 GALS, DIESEL USED 1030 GALS

CHECKED CROWN-O-MATIC

			•								
DailyCos	sts: Drilling			Con	npletion	\$0		Daily	Total		
Cum Cos	sts: Drilling			Con	npletion	\$0		Well	Total		
MD	8,979	TVD	8,979	Progress	293	Days	12	MW	11.0	Visc	37.0
Formatio	on:		<b>PBTD</b> : 0	0.0		Perf:			PKR Dep	<b>th:</b> 0.0	
Activity a	at Report Ti	me: DRII	LL								
Start	End	Hrs	Activity Desc	ription							
06:00	07:00	1.0	SLIP & CUT D	RILL LINE.							
07:00	12:00	5.0	TRIP IN HOLE	ETO 8636'.							
12:00	12:30	0.5	WASH/REAM	8636' TO 8686'							
12:30	03:00	14.5	DRILL 8686' To	O 8979', MW 1	1.3, VIS 37	. TOP OF MII	ODLE PRIC	E @ 8939'.			
03:00	06:00	3.0	LOSS OF 1500 STAND PIPE, F STACK OPEN (	PRESSURE LIN	NES TO 800	PSI. CHECK	ALL PRES	SURE GAU	PU KELLY. S GES. FOUND	HUT 4" VAL' KILL LINE V	VE ON VALVE ON
			<b>BOILER 24 HR</b>	RS							
			BOILER 24 HR FULL CREWS	ts							
					. USED 103	0 GALS					
			FULL CREWS	ND 3088 GALS,			E/TRIPPIN	G PIPE			
			FULL CREWS FUEL ON HAN	ND 3088 GALS, TING: TIE OFF	TOOLS A	ROUND HOL	E/TRIPPIN(	G PIPE			
12-29-20	006 Re	ported I	FULL CREWS FUEL ON HAN SAFETY MEET NO ACCIDENT	ND 3088 GALS, TING: TIE OFF	TOOLS A	ROUND HOL	E/TRIPPIN	G PIPE			
	006 Re	eported I	FULL CREWS FUEL ON HAN SAFETY MEET NO ACCIDENT	ND 3088 GALS, TING: TIE OFF IS OR INCIDE EIL BOURQUE	TOOLS A	ROUND HOL	E/TRIPPING		· Total		
DailyCos		ported I	FULL CREWS FUEL ON HAN SAFETY MEET NO ACCIDENT	ND 3088 GALS, TING: TIE OFF I'S OR INCIDE! EIL BOURQUE Con	TOOLS AI	ROUND HOL	E/TRIPPIN	Daily	· Total Total		
DailyCos Cum Cos	ts: Drilling	eported I	FULL CREWS FUEL ON HAN SAFETY MEET NO ACCIDENT	ND 3088 GALS, TING: TIE OFF I'S OR INCIDE! EIL BOURQUE Con	TOOLS AINTS REPO	ROUND HOL RTED \$0	E/TRIPPING	Daily		Visc	38.0
DailyCos Cum Cos MD	sts: Drilling sts: Drilling 9,302		FULL CREWS FUEL ON HAN SAFETY MEET NO ACCIDENT By NE	ND 3088 GALS, TING: TIE OFF TS OR INCIDE EIL BOURQUE Con Con Progress	TOOLS AINTS REPO	ROUND HOL RTED \$0 \$0		Daily Well	<b>Total</b> 11.3	Visc th: 00	38.0
DailyCos Cum Cos MD Formatio	sts: Drilling sts: Drilling 9,302	TVD	FULL CREWS FUEL ON HAN SAFETY MEET NO ACCIDENT  9,302 PBTD: 0.	ND 3088 GALS, TING: TIE OFF TS OR INCIDE EIL BOURQUE Con Con Progress	TOOLS AINTS REPO	ROUND HOL RTED  \$0  \$0  Days		Daily Well	Total		38.0
Daily Cos Cum Cos MD Formatio Activity a	sts: Drilling sts: Drilling 9,302 on:	TVD	FULL CREWS FUEL ON HAN SAFETY MEET NO ACCIDENT  9,302 PBTD: 0.	ND 3088 GALS, TING: TIE OFF TS OR INCIDE! EIL BOURQUE Con Con Progress	TOOLS AINTS REPO	ROUND HOL RTED  \$0  \$0  Days		Daily Well	<b>Total</b> 11.3		38.0
Daily Cos  Cum Cos  MD  Formation  Activity a	ts: Drilling sts: Drilling 9,302 on:	TVD me: DRII Hrs	FULL CREWS FUEL ON HAN SAFETY MEET NO ACCIDENT By NE  9,302 PBTD: 0. LING Activity Description	ND 3088 GALS, TING: TIE OFF TS OR INCIDER EIL BOURQUE Con Con Progress .0	TOOLS AI NTS REPO inpletion npletion 323	\$0 \$0 \$0 Days	13	Daily Well MW	Total 11.3 PKR Dep	<b>th</b> : 0.0	38.0
Daily Cos Cum Cos MD Formatio Activity a	ets: Drilling ets: Drilling 9,302 on: at Report Till End	TVD me: DRII Hrs 1.0	FULL CREWS FUEL ON HAN SAFETY MEET NO ACCIDENT By NE 9,302 PBTD: 0.	ND 3088 GALS, TING: TIE OFF TS OR INCIDE  Con Con Progress .0  ription  MOVE ELEVAL	TOOLS AI NTS REPO inpletion npletion 323	\$0 \$0 \$0 Days	13	Daily Well MW	Total 11.3 PKR Dep	<b>th</b> : 0.0	38.0
Cum Cos MD Formatio Activity a Start 06:00	sts: Drilling 9,302 on: at Report Ti End 07:00	TVD me: DRII Hrs 1.0 8.0	FULL CREWS FUEL ON HAN SAFETY MEET NO ACCIDENT By NE 9,302 PBTD: 0. LLING Activity Description	ND 3088 GALS, TING: TIE OFF TS OR INCIDE  EIL BOURQUE  Con  Progress .0  ription  MOVE ELEVATO O 9118'.	TOOLS AI NTS REPO inpletion npletion 323	\$0 \$0 \$0 Days Perf:	13 AK CIRCU	Daily Well MW	Total 11.3 PKR Dep	<b>th</b> : 0.0	38.0

12-30-2006 Reported By

NEIL BOURQUE

FUEL 1821 GALS, USED 1267 GALS

NO ACCIDENTS OR INCIDENTS

BOILER 24 HRS FULL CREWS

SAFETY MEETING: WORKING ON MUD PUMPS/CHECKING MOTORS

DailyCost	s: Drilling				npletion	\$0		•	Total	5	
Cum Cost	s: Drilling			Con	npletion	\$0		Well	Total		
ИD	9,364	TVD	9,364	Progress	62	Days	14	MW	11.5	Visc	46.0
ormation	ı :		<b>PBTD</b> : 0.	.0		Perf:			PKR De	oth: 0.0	
Activity a	Report Ti	me: TRIF	IN HOLE								
tart	End	Hrs	Activity Desc	ription							
06:00	13:30	7.5	DRILL 9302' T	O 9364', 8.2 FP	H.						
13:30	14:00	0.5	FLOW CHECK	DROP SURVI	EY. PUMP	SLUG.					
14:00	14:30	0.5	SERVICE RIG.	FUNCTION T	ESTED CR	OWN-O-MA	TIC.				
14:30	18:00	3.5	TRIP OUT OF AND AT 2550'.				HANGE. U	P TO 35K O	VERPULL IN	PLACES ON	FIRST 300
18:00	18:30	0.5	REMOVE ROT	ATING HEAD	RUBBER,	FLOW CHEC	K.				
18:30	20:00	1.5	TRIP OUT BHA	A, BO BIT & M	IUD MOTO	R. RECOVE	R SURVEY,	1.5 DEGREI	ES.		
20:00	22:30	2.5	LD DIRTY MU	D MOTOR. PL	J NEW MU	D MOTOR, M	IU NEW BI	Т.			
22:30	23:30	1.0	RUN BHA IN 7	THE HOLE.							
23:30	02:30	3.0	THAW OUT A	IR LINES TO D	ORUM CLU	TCH, PUMP	THROTTLE	S & AIR LII	NES ON CAR	RIER.	
02:30	03:00	0.5	BLOW DOWN	KELLY.							
03:00	03:30	0.5	TRIP IN BHA.								
03:30	04:00	0.5	INSTALL ROT	ATING HEAD	RUBBER.						
04:00	05:00	1.0	TRIP IN HOLE	TO SHOE @ 2	2,437'.						
05:00	05:30	0.5	PU KELLY AN	D FILL PIPE.							
05:30	06:00	0.5	BLOW DOWN	KELLY AND	MUD LINE	S. TRIP IN H	OLE.				
			BOILER 24 HE FULL CREWS SAFETY MEE NO ACCIDEN BRAKE LINK	TING: TRIPPINTS OR INCIDE	ENTS REPO	ORTED		TION TEST	<b>TED</b>		
				EIL BOURQUI		NOW!! O III					
12-31-20		eported	ву №	_		¢0		D-9	l Tradal		
•	ts: Drilling				mpletion	\$0 #0			y Total		
Cum Cos	ts: Drilling			Co	mpletion	\$0			l Total		
MD	9,593	TVD	9,593	Progress	229	Days	15	MW	11.6	Visc	52.0
Formatio			PBTD:	0.0		Perf:			PKR De	e <b>pth:</b> 0.0	
Activity a	at Report T	ime: DRI	LLING								
Start	End	Hrs	Activity Desc	cription							
06:00	10:30		TRIP IN HOLI								
10:30	11:00	0.5	PU KELLY. W	ASH/REAM FF	ROM 9,334	TO 9,364'.					
11:00	11:30	0.5	SERVICE RIG	FUNCTION 1	TEST PIPE	RAMS.					
11:30	06:00	18.5	5 DRILL 9,364"	TO 9,593', 12.4	FPH, 15-2	20 WOB.					
			FUEL 3,405 G	ALS, USED 1,	110 GALS						
			BOILER 24 H	RS							

### CHECK CROWN~O-MATIC

SAFETY MEETING: WORKING ON MOTORS/POWER LINES

## NO ACCIDENTS OR INCIDENTS REPORTED

01-01-20	007 R	eported B	B <b>y</b> Ni	EIL BOURQUE	Ē						
DailyCos	DailyCosts: Drilling			Com		\$0		Dail	y Total		
Cum Cos	ts: Drilling			Completion		\$0	Well Total				
MD	9,827	TVD	9,827	Progress	234	Days	16	MW	11.5	Visc	39.0
Formatio	n:		<b>PBTD</b> : 0	.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity a	Activity at Report Time: DRILLING										
Start	End	Hrs	Activity Desc	ription							
06:00	16:00	10.0	DRILL 9,593' 1	O 9,685', 9.2 F	РН.						
16:00	16:30	0.5	SERVICE RIG.	FUNCTION T	EST ANNU	LAR AND C	ROWN-O-	MATIC.			
16:30	06:00	13.5	DRILL 9,685' 1	O 9,827', 10.5	FPH, MW	11.7, VIS 42.					
			FUEL RECEIV	ED 4,500 GAL:	S, ON HAN	ND 6,177 GAI	LS, USED 1,	,728 GAL			

**BOILER 24 HRS FULL CREWS** 

SAFETY MEETING: DE-ICING RIG/HOUSE KEEPING

NO ACCIDENTS OR INCIDENTS REPORTED

## TOP OF LOWER PRICE RIVER @ 9,637'

01-02-2	00 <b>7</b> 1	Reported I	By N	EIL BOURQUE	E						
DailyCos	sts: Drilling	g		Con	npletion	\$0		Dail	y Total		
Cum Co	sts: Drillin <sub>i</sub>	g		Con	npletion	\$0			l Total		
MD	9,844	TVD	9,844	Progress	17	Days	17	MW	11.7	Visc	40.0
Formatio	on:		PBTD:	0.0		Perf:			PKR De	oth : 0.0	
Activity :	at Report T	l'ime: CIRC	CULATE DOW	N TIME							
Start	End	Hrs	Activity Desc	ription							
06:00	07:00	1.0	DRILL 9,827	ГО 9,844'.							
07:00	08:00	1.0	CIRCULATE E	BOTTOMS UP. 1	MIX SLUG						
08:00	08:30	0.5	FLOW CHECK	K. PUMP SLUG							
08:30	09:00	0.5	TRIP OUT OF	HOLE FOR BIT	T CHANGE	Ξ.					
09:00	10:00	1.0	SERVICE RIG								
10:00	15:00	5.0	TRIP OUT OF	HOLE, BREAK	BIT.						
15:00	18:00	3.0	MU NEW BIT	AND RIH TO S	HOE.						
18:00	20:00	2.0	SLIP AND CU	T DRILLING L	INE.						
20:00	22:00	2.0	INSTALL NEV	GASKET ON	FLOW LIN	NE SENSOR.	INSTALL I	ROTATING H	EAD RUBBE	R.	
22:00	02:00	4.0	ТІН.								
02:00	06:00	4.0	DRAWWORK:	S MOTOR WILI	L NOT RUI	N. CIRCULAT	TE @ 7,194'	. MW 11.6, V	VIS 42.		
			FUEL 5,227 G	ALS, USED 950	GALS						
			BOILER 16 HF	RS, DOWN 8 HE	RS						
			<b>FULL CREWS</b>								

# FUNCTION TESTED CROWN-O-MATIC SAFETY MEETING: TRIP IN HOLE/BOP DRILLS NO ACCIDENTS OR INCIDENTS REPORTED

01-03-2007	Reported By	NI	NEIL BOURQUE							
DailyCosts: I	Drilling		Completion				Daily	\$		
Cum Costs: 1	Orilling		Con	npletio <b>n</b>	\$0		Well '	Total		
MD	10,161 <b>TVD</b>	10,161	Progress	317	Days	18	MW	11.8	Visc	38.0
Formation :		<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
	4 (T) DDU 1 1	NG								

Activity at Report Time: DRILLING

Start	End	Hrs	<b>Activity Description</b>
06:00	06:30	0.5	DRAWWORKS MOTOR DOWN. CIRCULATE @ 7,194'.
06:30	08:00	1.5	TRIP IN HOLE TO 9.558'.
08:00	12:00	4.0	WASH/REAM FROM 9,558' TO 9,844', 20' FILL.
12:00	14:00	2.0	DRILL 9,844' TO 9,875', 15.5 FPH.
14:00	14:30	0.5	SERVICE RIG. SWITCH MUD PUMPS.
14:30	19:00	4.5	DRILL 9,875' TO 9,970', 21.1 FPH.
19:00	20:30	1.5	CIRCULATE OUT GAS WHILE THAWING OUT GAS BUSTER.
20:30	06:00	9.5	DRILL 9,970' TO 10,161'. MW 12.0, VIS 41.

**FUEL 3,960 GALS, USED 1,267 GALS** 

FUNCTION TESTED CROWN-O-MATIC, INSPECTED BREAK LINKAGE

BOILER 24 HRS FULL CREWS

SAFETY MEETING: TRIPPING PIPE/MAKING CONNECTIONS

NO ACCIDENTS OR INCIDENTS REPORTED

### TOP OF SEGO @ 10,002'

01-04-20	07 R	eported I	By NE	EIL BOURQUE							
DailyCos	ts: Drilling			Completion		\$0	Daily Total				
Cum Cos	ts: Drilling	!		Con	npletion	\$0		Well	Total		
MD	10,200	TVD	10,200	Progress	39	Days	19	MW	12.0	Visc	40.0
Formation: PBTD: 0.0				.0		Perf:			PKR Dep	oth: 0.0	
Activity a	at Report T	ime: FISH	IING								
Start	End	Hrs	<b>Activity Desc</b>	ription							
06:00	08:30	2.5	DRILL 10,161'	TO 10,200' TD	, 15.6 <b>FPH</b>	. REACHED	TD ON 12/0	3/07 @ 08:3	0 HRS.		
08:30	10:00	1.5	CIRCULATE B	OTTOMS UP.							
10:00	10:30	0.5	FLOW CHECK	, PUMP SLUG							
10:30	13:00	2.5	WIPER TRIP, 3	0 STANDS TO	8,292'. AC	TIVE MUD	SYSTEM GO	OT CONTAIN	INATED WIT	TH WATER D	URING TRIP.
13:00	17:00	4.0	CIRCULATE/C				UP LD MAC	HINE WHIL	E CIRCULAT	ING. ATTEM	PT TO GET
17:00	17:30	0.5	HELD PRE-JO	B SAFETY ME	EETING. P	UMP SLUG.					
17:30	22:00	4.5	LAY DOWN D	RILL STRING.	FILL HO	E W/MUD I	PUMP.				

22:00 06:00 8.0 STUCK PIPE @ 2,743', UNABLE TO JAR DOWN, JARS FUNCTION UP, CONTINUE TO SLUMP STRING DOWN. ATTEMPT TO WORK TORQUE INTO STRING, NO SUCCESS. FULL CIRCULATION @ ALL TIMES, NO LOSSES. ATTEMPT TO FREE DRILL STRING, NO SUCCESS. FISHING REP ON LOCATION W/2 EA PUP JTS @ 04:00 HRS SURFACE JARS ON LOCATION @ 04:40 HRS. LD WORK SINGLE AND MU SURFACE JAR ASSY.  FUEL 2,692 GALS, USED 1,268 GALS												
			FUEL 2,692 G	ALS, USED 1,26	8 GALS							
			SAFETY MEE	TING: LD PIPE/	FISHING							
			NO ACCIDEN	TS REPORTED								
			FULL CREWS	5								
			BOILER 24 HI	RS								
			FUNCTION T	EST CROWN-O-	-MATIC							
			NOTIFIED MI	CHAEL LEE W/	BLM AT (	)9:00 HRS, 1/:	3/07 REGA	RDING RUN	NING CASIN	IG AND CEM	ENT JOB.	
01-05-200	)7 Re	ported I	By N	EIL BOURQUE				··-·				
DailyCosts	s: Drilling			Com	pletion	\$0		Dail	y Total	÷		
Cum Costs: Drilling			Completion									
MD	10,200	TVD	10,200	Progress	0	Days	20	MW	12.3	Visc	43.0	
Formation	1:		PBTD:	0.0		Perf:			PKR De	pth : 0.0		
Activity at	Report Ti	me: TRIF	IN FISHING A	ASSY								
Start	End	Hrs	Activity Desc	cription								
06:00	13:00	7.0	07:00 HRS. PU JARS NOT JAE SPM. PRESSU	K PIPE W/SURFA I 5' PUP AND KE RRING IN DOW! IRE INCREASE 2 PT TO JAR DOW	ELLY. BRI N STROK 200 PSI W	EAK CIRCUL E. FULL CIR VINCREASEI	ATION AND	D CONTINU AND NO IN	JE TO WORK	STUCK PIPE OF PACKING	E. DRILLING OFF AT 135	
13:00	13:30	0.5	SERVICE RIG									
13:30	20:00	6.5		OF DLG LINE R IE SPOOLS AND				T DLG LIN	E, TOO MUC	H BAD LINE	CHANGE	
20:00	22:00	2.0	RUN FREE PO	DINT. CONFIRM S STUCK.	BIT DEP	ГН @ 2,745'.	RUN FREE	POINT, FRI	EE PIPE TO 2	,530'. ALL HV	VDP FREE, 6	
22:00	23:30	1.5	RUN BACK OF	FF, BACK OFF @	2,345'. 1	он with w	IRE LINE A	ND RD SAI	ME.			
23:30	02:00	2.5	TRIP OUT OF	HOLE, CORREC	CT RECO	VERY.						
02:00	03:00	1.0	PU 4 EA 6 1/4"	DC. MU FISHIN	NG ASSY	ВНА.						
03:00	06:00	3.0	TRIP IN HOLE	Ξ.								
				ALS, USED 1,029	9 GALS							
			BOILER 24 HF									
			FULL CREWS									
				TING: JARRING	/SLIP AN	D CUT DLG	LINE					

01-06-2007	Rep	orted By	NI	EIL BOURQUE							
DailyCosts:	Drilling			Completion							
Cum Costs:	Drilling		Completion \$0			\$0	Well Total				
MD	10,200	TVD	10,200	Progress	0	Days	21	MW	11.6	Visc	40.0
Formation:			<b>PBTD:</b> 0.0			Perf:			PKR Der	oth : 0.0	

Activity at Report Time: LD FISH DRILL COLLARS

Start	End	Hrs	Activity Description
06:00	08:00	2.0	TRIP IN HOLE W/DRILL PIPE TO TOP OF FISH @ 2,345'.
08:00	10:00	2.0	MU CIRC SWEDGE, BREAK CIRCULATION. SCREW INTO FISH @ 2,345'. ATTEMPT TO KNOCK FISH LOOSE W/BUMPER SUB, NO SUCCESS. MU SURFACE JARS, JAR DOWN ON STUCK PIPE.
10:00	11:00	1.0	LD SURFACE JARS. MU CIRC SWEDGE. CIRCULATE 40 BBL HI VIS PILL @ 135 SPM, NO CUTTINGS ON PILL RETURN.
11:00	15:00	4.0	PU SURFACE JARS AND CONTINUE JARRING DOWN ON FISH. INSPECT DERRICK EVERY 1/2 HR.
15:00	16:30	1.5	LD SURFACE JARS, MU CIRC SWEDGE. PUMP 16 BBL (230 STKS) PIPE LAX. DISPLACE W/28 BBL (400 STKS) MUD. LET PIPE LAX SOAK 1 HR.
16:30	22:00	5.5	JAR DOWN EVERY 15 TO 30 MIN. CONTINUE INSPECTING DERRICK EVERY HR.
22:00	00:30	2.5	PIPE JARRED FREE @ $22:00$ HRS. ESTABLISH ROTATION BACK REAM OUT OF HOLE, CONSTANT OVERPULL OF $10K$ , OVER $10K$ , ROTATE.
00:30	02:00	1.5	TRIP OUT OF HOLE.
02:00	03:00	1.0	BREAK AND LAY DOWN FISHING TOOLS.
03:00	03:30	0.5	INSPECT CROWN SHIEVES, BRAKE LINKAGE AND DEAD MAN ANCHOR.
03:30	04:00	0.5	TRIP OUT OF HOLE TO FISHING COLLARS.
04:00	04:30	0.5	RIG UP LAYDOWN MACHINE.
04:30	06:00	1.5	LAY DOWN FISHING COLLARS, RACK BACK HWDP.

FUEL RECEIVED 4,000 GALS, ON HAND 4,910 GALS, USED-753 GAL.

**BOILER 24 HRS. FULL CREWS.** 

## SAFETY TOPICS: WORKING W/ SURFACE JARS. NO ACCIDENTS REPORTED.

01-07-2007	, Re	ported F	By NE	EIL BOURQUE	;						
DailyCosts: Drilling Cum Costs: Drilling				Con	npletion	\$0		Dail	ily Total		
				Con	npletion	\$0	Well Total				
MD	10,200	TVD	10,200	Progress	0	Days	22	MW	11.7	Visc	36.0
Formation	:		<b>PBTD</b> : 0.	.0		Perf:			PKR De <sub>l</sub>	p <b>th:</b> 0.0	
Activity at	Report Ti	me: THA	W RIG MUD LI	NES							
Start	End	Hrs	Activity Descri	ription							
06:00	06:30	0.5	LAY DOWN D	C. BREAK OU	T BIT ANI	D LD MUD M	10TOR. 100	% FISH REC	COVERY.		
06:30	07:30	1.0	MU BIT. LD FL	.AG POLE.							
07:30	14:00	6.5	TRIP IN HWDI	P BHA. BREAK	( AND FL	OOR INSPEC	CT (CSI) ALI	. PIN AND I	BOX ENDS. 1	JT REJECTE	D W/PULLED
14:00	15:30	1.5	RU FLAG POL	E AND LOAD	PIPE RAC	K W/DRILL	PIPE.				
15:30	17:30	2.0	PU & RUN IN	HOLE, 52 JTS	OF DRILL	. PIPE.					
17:30	06:00	12.5	CHANGE OUT PUMP HOUSIN							WN W/BROK	(EN CHARGE
			SAFETY MEE	TING: SURFAC	CE JARS/V	VORKING W	ITH STEAM	I			
			NO ACCIDENT	rs reported	)						
			BOILER 24 HR	RS							
			FULL CREWS								
			FUEL 4,039 GA	ALS, USED 87	I GALS						
01-08-200	7 R	eported l	By N	EIL BOURQUE	Ξ						

Come Care				Con	npletion	\$0		Dan	y Total		
Cum Costs	: Drilling			Con	npletion	\$0		Well	Total		
MD	10,200	TVD	10,200	Progress	0	Days	23	MW	12.2	Visc	41.0
Formation	:		<b>PBTD</b> : 0.0	)		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	Report Ti	ne: WAS	H/REAM TO TD	•							
Start	End	Hrs	<b>Activity Descr</b>	iption							
06:00	07:00	1.0	INSTALL ROTA	TING HEAD	RUBBER, I	HOOK UP C	RC SWEDG	iE.			
07:00	09:00	2.0	FILL PIPE. CIRC	CULATE/CON	NDITION M	IUD TO 12.2	PPG @ 2,41	3'.			
09:00	10:30	1.5	RUN STDS IN H	HOLE TO 4,12	7'.						
10:30	11:00	0.5	FILL PIPE. CIRC	CULATE/CON	IDITION M	IUD TO 12.2	PPG.				
11:00	14:30	3.5	PU, RIH 90 JTS	OF DRILL PI	<b>PE TO 6,9</b> 7	7'.					
14:30	15:30	1.0	FILL PIPE. CIRC	CULATE/CON	NDITION M	IUD TO 12.2	PPG.				
15:30	17:30	2.0	PU DRILL PIPE	AND RIH TO	8,279'.						
17:30	18:00	0.5	WORK ON FRO	ZEN MUD PU	JMP CLUT	CH. REPAIR	AIR LINE	ГО SAME.			
18:00	20:00	2.0	P/U DRILL PIPE	E AND RIH TO	9,826'						
20:00	21:30	1.5	FILL PIPE. CIRC	CULATE/CON	DITION M	IUD TO 12.2	PPG. CIRC	ULATE OUT	HIGH GAS.	MAX 7,450 U	JNITS.
21:30	22:00	0.5	PU DRILL PIPE	, RIH TO 10,0	52'.						
22:00	23:00	1.0	PU KELLY. FILI	L PIPE. CIRC	ULATE/CO	NDITION M	UD.				
23:00	00:00	1.0	WASH/REAM F	ROM 10,052	TO 10,200'						
00:00	01:30	1.5	CIRCULATE/CO	ONDITION M	UD TO 12.	2 PPG.					
01:30	02:30	1.0	TRIP OUT TO 9	,560', TIGHT	HOLE MA	X OVER PU	LL 25K.				
02:30	06:00	3.5	ATTEMPT TO T PULL ANOTHE HOLE, NO SUC	R 2 SINGLES	WITHOUT	ΓPUMP. RAC	CK BACK K	ELLY, ATTE	MPT TO CON	TINUE TRI	O 9,500'. POUT OF
			FUEL 2,851 GA	LS, USED 1,1	88 GALS						
			BOILER 24 HRS	5							
			FULL CREWS								
			SAFETY MEET	ING: COLD W	VEATHER/	PU DRILL P	IPE				
			NO ACCIDENTS	S OR INCIDE	NTS REPO	RTED					
01-09-200	7 Re	ported I	By NE	IL BOURQUE							
DailyCosts	: Drilling			Con	npletion	\$0		Dail	v Total		
Cum Costs	s: Drilling				npletion	\$0		'	Total		
MD	10,200	TVD	10,200	Progress	0	Days	24	MW	12.4	Visc	39.0
Formation	:		<b>PBTD</b> : 0.0	-		Perf :			PKR De		27.0
Activity at	Report Ti	ne: WIP				2 322 7			T IXX DC	<b>pen :</b> 0.0	
Start	End	Hrs	Activity Descr	iption							
06:00	06:30		REAM 9,606' TO	•							
06:30	07:30		RIH FROM 9,66		6' FILL						
07:30	13:00		CIRCULATE/CO			S PPG. REDI	JCE WATER	LOSS			
13:00	14:00		MIX AND PUM				ILLIK				
14:00	14:30		PULL 7 STDS, 1				BLE TO RA	CKRFAM T	HRID		
14:30	15:30		NO AIR TO DRA								
						~ ·· ~ · · · · · · · · · · · · · · · ·	- OI. JEAC	0:1 10 7	, 14T.		

16:30	18:00	1.5	PUMP 80 BBLS	S HV SWE	EP. CIRCULA	TE HOLE CL	EAN, NO CU	TTINGS AC	CROSS SHAKE	ERS.	
18:00	18:30	0.5	CIRCULATE/ F	ROTATE W	HILE CLEAR	ING LD EQU	IPMENT FR	OM·CATWA	LK.		
18:30	01:30	7.0	PUMP OUT OF MAX OVER PU	HOLE 3	SNG, 10 SNG,					LLY. TRIP TO	) SHOE.
01:30	06:00	4.5	TRIP IN HOLE	, FILL PIP	PE 1/2 WAY.						
			FUEL 1,821 G/	AL, USED	1,030 GAL						
			SAFETY MEE	TING: TRI	IPPING/MIXIN	NG MUD					
			NO ACCIDENT	rs or inc	CIDENTS REP	ORTED					
			BOILER 24 HR	RS							
			FULL CREWS								
			INSPECT BRA	KE LINK	AGE AND FU	NCTION TEST	r crown-c	)-MATIC			
01-10-200	7 Re	ported F	By N	EIL BOUR	RQUE						
DailyCosts	: Drilling				Completion	\$0		Dail	y Total		
Cum Costs					Completion	\$0		Wel	l Total		
MD	10,200	TVD	10,200	Progre	ss 0	Days	25	MW	13.1	Visc	40.0
Formation	:		PBTD:	0.0		Perf:			PKR Dep	<b>th:</b> 0.0	
		me: RU C	ASING CREW								
•	End	Hrs	Activity Desc								
06:00	06:30	0.5	RIG UP FILLU	P LINE. P	U PIPE AND I	PUT IN V DOO	OR.				
06:30	07:30	1.0	THAW OUT A	IR LINES	TO MUD PUN	AP.					
07:30	08:00	0.5	FILL PIPE.								
08:00	09:30	1.5	TRIP PIPE IN	HOLE TO	10100'.						
09:30	10:00	0.5	KELLY UP, W	ASH & RE	AM TO TD @	10200', 10' F	ILL.				
10:00	13:00	3.0	CIRCULATE	AND CON	DITION MUD	, BUILD VOL	UME. MAX	BTTMS UP	GAS 1990 UNI	iTS.	
13:00	15:00	2.0	REPAIR MUD	PUMP.							
15:00	15:30	0.5	RIG SERVICE	•							
15:30	16:00		HELD SAFET								
16:00	17:00	1.0	SLUG DIDNT	WORK. C	IRCULATE W	HILE MIXIN	G ANOTHE	R SLUG. PU	MP 2ND SLUC	i.	
17:00	18:00	1.0	RACK BACK	KELLY. P	OOH 15 STDS	AND RACK I	BACK IN DE	RRICK.			
18:00	23:00	5.0	LD 186 JTS O	F DRILL F	PIPE.						
23:00	00:00	1.0	PULL 15 STAI	NDS AND	RACK BACK	IN DERRICK	•••				
00:00	01:30	1.5	LD DRILL PI	PE, 7 HWD	OP AND JARS.						
01:30	02:30	1.0	TRIP 30 STAN	DS IN HO	OLE.						
02:30	06:00	3.5	LD 60 JTS DR	ILL PIPE	AND BHA.						
			FUEL 300 GA	LS, USED	1521 GALS						

FUEL 300 GALS, USED 1521 GALS

SAFETY MEETING: THAWING RIG/LD PIPE NO ACCIDENTS OR INCIDENTS FUNCTION TESTED CROWN-O-MATIC BOILER 24 HRS FULL CREWS

FULL C

Reported By

01-11-2007

RICH DEMBOWSKI

DailyCosts: Drilling				Com	pletion			Dail	y Total					
Cum Cos	ts: Drilling			Com	pletion			Wel	l Total					
MD	10,200	TVD	10,200	Progress	0	Days	26	MW	0.0	Visc	0.0			
Formatio	n:		<b>PBTD</b> : 0	.0		Perf:			PKR De	<b>pth:</b> 0.0				
Activity a	at Report Ti	me: PRE	PARING TO RD	RIG.										
Start	End	Hrs	Activity Desc	ription										
06:00	06:30	0.5	SERVICE RIG											
06:30	07:00	0.5	RU CASING CI	REW. CONDUC	T SAFET	Y MEETIN	G.							
07:00	10:30	3.5	PICK UP/LAY	DOWN MACHI	NE BROK	E DOWN.	AIR LINES P	ARTED. WA	T ON REPAI	R TO PU/LD	MACHINE.			
10:30	11:30	1.0	PU 4-1/2" FLO SHOE AND CO	PU 4–1/2" FLOAT SHOE, 1 JT 4–1/2", 11.6#, HCP–110, LTC CASING, 4–1/2" FLOAT COLLAR. THREAD LOCK SHOE AND COLLAR AND JOINT ABOVE FLOAT COLLAR.										
11:30	12:30	1.0	SD. INCORRECT RIG UP ON CASING TONGS. LINE RU TO RIG STAIRS, PULLING STAIRS FREE WHEN TONGS WERE LOWERED. SHUT DOWN AND REPLACE STAIRS.											
12:30	21:15	8.75	5' ABOVE SHO	HOLE WITH 4- INTS (7957.78' A DE, AT TOP OF S RS TOTAL). LAI	AND 3927. SECOND J	.64'), ONE IOINT ANI	PUP JOINT A ON EVERY	ND ONE LA	ANDING JOIN NT THRU JO	T. RAN CEN	TRALIZERS			
			CASING CREV	JOINT WITH LA V AND PICK UP ASURE RIG EN	MACHIN	NE. NOTE:	ND STRIPPI WESTERN P	NG RUBBER ETROLEUM	R. SPACE OUT SENT OUT E	TTO CIRCUL ENVIRONME	.ATE. RDMO NTAL			
21:15	23:00	1.75	CIRCULATE B EQUIPMENT. O CIRCULATION	OTTOMS UP AI CONDUCT SAF I WAS 450 UNIT	ETY MEE	L MUD IS I	FREE OF GA H CREW AN	S. MIRU SCI D CEMENT	HLUMBERGE ERS. MAX G	ER CEMENTI AS DURING	NG			
23:00	02:00	3.0	SPACER. PUM LCM, .20% AN' OF 50:50 POZ ( ANTIFOAM AC WATER. FINAL DISPL PRESSL WAS FREEZIN WATER WAS P	G HEAD. TEST OLLOWS: PUM PED 415 SX (12 TIFOAM, .75% I G AT 14.10 PPG GENT AND .10% . DISPLACEME IRE. BLED BAC G IN TANKS (4 REHEATED TO TO ALLOW PU	P 20 BBL 29 BBLSX FLUID LC WITH 2% 6 RETARI NT PRES CK 2-1/2 E 00 BBL U 60 DEG F	S CW100 C DF 35:65 PC DSS AGENT ENTENDI DER. DISPI SURE WAS BBLS. FLO PRIGHTS)	CHEMICAL V OZ G AT 13.1 FAND .25% I ER, .20% DIS LACED WITH 3 3000 PSIG. I AT HOLDING AND RIG WAT OIL TRUC	VASH AT 8.3 PPG WITH 4 RETARDER. PERSANT, I 154 BBLS ( BUMPED PL G. NOTE TH AS UNABLE K. HOT OIL	4 PPG; 20 BB; 4% EXTENDE TAILED IN V 20% FLUID L (APPROX 3.5 .UG WITH 60 AT MIX AND TO CIRC WA ER ALSO WO	L FRESH WA ER, 2% EXPA VITH 1875 SX OSS ADDITI BBLS SHOR 0 PSIG OVER DISPLACEN TER THRU B	TER NDER, .25% ( (430 BBL) VE .10% T) FRESH I FINAL HENT WATER OILER, MIX			
02:00	06:00	4.0	LAND CASINO		HANGER	R. BACK O	FF LANDING	JOINT. TES	ST SEALS TO		RDMO			
				GALLONS ON H		HOURS.								
			NO ACCIDENT	S OR INJURIES	S.									
			SAFETY MEET AND SAFETY	INGS DISCUSS DURING CASIN	SED SAFE	TY AROU	ND RIG, PRO	PER PPE, R DNS.	IG MAINTEN	ANCE AND	SAFETY			
			FULL CREWS.											
			NOTIFIED BLM FOR JAMIE SPI JOINT.	I (JAMES ASHI RAGER OF THE	LEY) OF C E BLM WI	CASING RU TH THE RI	INNING ANI EQUIRED IN	CEMENTII FORMATIO	NG TIMES. AI N. TAGGED E	LSO LEFT M SOTTOM ANI	ESSAGE D LD TAG			

Completion **Daily Total** DailyCosts: Drilling **Well Total** Completion **Cum Costs: Drilling** 0.0 Visc 0.0 10,200 0 Days 27 MW 10,200 TVD **Progress** MD PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: RDRT/WO COMPLETION Start End Hrs **Activity Description** 9.0 FINISH ND BOP STACK. INSTALL DRYHOLE CAP. CLEAN MUD PITS. CONTINUE TO RD AND PREPARE TO 06:00 15:00 MOVE RIG. 15.0 CONTINUE TO CLEAN RIG. RD IN PREPARATION FOR MOVE TO NEXT WELL. 06:00 15:00 NO ACCIDENTS OR INJURIES **FUEL USED 396 GAL FULL CREWS BOTH TOURS** SAFETY MEETING: SAFE METHODS OF ND BOP STACK WHILE WORKING ON SLIPPERY SURFACES/CONTRACTOR CONDUCTED TRAINING FOR PERSONNEL ON INCORRECT OPERATION OF **BOILER** TRANSFERRED: 396 GALS FUEL 06:00 18.0 RIG RELEASED AT 15:00 HRS, 1/11/07. CASING POINT COST \$1,485,783 **SEARLE** 01-19-2007 Reported By **Daily Total** DailyCosts: Drilling \$0 Completion Well Total Completion **Cum Costs: Drilling** 0.0 10,200 Progress 28 MW0.0 Visc 10.200 TVD Davs MD PKR Depth: 0.0 Formation: **PBTD:** 10135.0 Perf: **Activity at Report Time: WO COMPLETION Activity Description** Start End Hrs 24.0 RU SCHLUMBERGER. RAN RST/CBL/VDL/GR/CCL FROM PBTD TO 50'. CEMENT TOP ABOVE 50'. RD 06:00 06:00 SCHLUMBERGER. WO COMPLETION. **MCCURDY** 02-10-2007 Reported By **Daily Total** \$0 Completion DailyCosts: Drilling Well Total Completion **Cum Costs: Drilling** 0.0 0.0 29 Visc MW MD 10,200 TVD 10,200 **Progress** Days PKR Depth: 0.0 Perf: Formation: **PBTD:** 10135.0 Activity at Report Time: WO COMPLETION **Activity Description** Start End 1.0 NU 10M FRAC TREE. PRESSURE TEST FRAC TREE & CASING TO 8500 PSIG. WO COMPLETION. 15:00 14:00 **MCCURDY** 02-16-2007 Reported By

**Daily Total** 

Well Total

Completion

Completion

\$0

**DailyCosts: Drilling** 

**Cum Costs: Drilling** 

MD 10.200 TVD 10,200 0 Progress Davs MW0.0 Visc 0.0 Formation: MEASAVERDE **PBTD:** 10135.0 Perf: 9715'-9949' PKR Depth: 0.0 Activity at Report Time: FLOW TEST Start End Hrs **Activity Description** 06:00 06:00 24.0 RU CUTTERS WIRELINE. PERFORATED LPR FROM 9715'-16', 9727'-28', 9737'-38', 9763'-64', 9782'-83', 9792'-93', 9849'-50', 9859'-60', 9914'-15', 9920'-21', 9930'-31' & 9948'-49' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4977 GAL YF125ST+ PAD & 48825 GAL YF125ST+ & YF118ST+ WITH 131600# 20/40 SAND @ 1-6 PPG. MTP 6817 PSIG. MTR 50.9 BPM. ATP 6002 PSIG. ATR 48.4 BPM. ISIP 3830 PSIG. RD SCHLUMBERGER. RUWL. STACKED OUT @ 34' WITH CFP & GUNS. POH. RIH W/3-1/8" GUNS. UNABLE TO GET PAST 34'. FLOWED 2.5 HRS. 16/64" CHOKE. FCP 2900 PSIG. RECOVERED 250 BLW. RIH W/3-1/8" GUN & STACKED OUT @ 34'. RESUMED FLOWBACK. FLOWED 12 HRS. 32/64" CHOKE. FCP 300 PSIG. 17 BFPH. RECOVERED 778 BLW. 657 BLWTR. 02-17-2007 **MCCURDY** Reported By DailyCosts: Drilling \$0 Completion **Daily Total Cum Costs: Drilling** Completion Well Total MD 10.200 TVD 10,200 Progress 0 Days 0.0 31 MW Visc 0.0 Formation: MEASAVERDE **PBTD**: 10135.0 Perf: 9456'-9949' PKR Depth: 0.0 Activity at Report Time: FRAC MPR/UPR Start End Hrs **Activity Description** 06:00 17:00 11.0 RUWL. SET 10K CFP AT 9680'. PERFORATED MPR FROM 9456'-57', 9472'-73', 9479'-80', 9488'-89', 9496'-97', 9508'-09', 9528'-29', 9544'-45', 9556'-57', 9563'-64', 9588'-89', 9620'-21', 9639'-40' & 9661'-62' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4948 GAL YF125ST+ PAD, 55322 GAL YF125ST+ & YF118ST+ WITH 169300# 20/40 SAND @ 1-6 PPG. MTP 7333 PSIG. MTR 50.9 BPM. ATP 6155 PSIG. ATR 46.1 BPM. ISIP 4175 PSIG. RD SCHLUMBERGER. RUWL. STACKED OUT @ 34' WITH CFP & 3-1/8" GUNS. POH. RIH W/3-1/8" GUNS. UNABLE TO GET PAST 34'. RIH THROUGH TIGHT SPOT W/2 1-11/16" & 1-3-1/8" WEIGHT BARS. RIH W/SETTING SLEEVE, 1 3-1/8" WEIGHT BAR & 2 1-11/16" WEIGHT BARS. UNABLE TO GET THROUGH TIGHT SPOT @ 34'. RIH W/3-1/8" GUN & 13-1/8" WEIGHT BAR, STACKED OUT @ 34', RDWL. FLOWED 14 HRS. 32/64" CHOKE. FCP 350 PSIG. 13 BFPH. RECOVERED 857 BLW. 1235 BLWTR. 02-18-2007 **MCCURDY** Reported By DailyCosts: Drilling SO Completion **Daily Total Cum Costs: Drilling** Completion **Well Total** 10,200 TVD 10,200 **Progress** Davs 32 Visc MW 0.0 0.0 Formation: MEASAVERDE **PBTD:** 10135.0 Perf: 8386'~9949' PKR Depth: 0.0 Activity at Report Time: FRAC UPR Start End Hrs **Activity Description** 06:00 21:30 15.5 SICP 670 PSIG. RUWL. SET 10K CFP AT 9430'. PERFORATED MPR FROM 9219'-20', 9231'-32', 9239'-40', 9258'-59', 9284'-85', 9300'-01', 9326'-27', 9338'-39', 9347'-48', 9368'-69', 9379'-80', 9386'-87', 9398'-99' &

9413'-14' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4943 GAL YF125ST+ PAD & 59611 GAL YF125ST+ & YF118ST+ WITH 193100# 20/40 SAND @ 1-6 PPG. MTP 7225 PSIG. MTR 52.4 BPM. ATP 6224 PSIG. ATR 48 BPM. ISIP 4650 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 9184'. PERFORATED MPR FROM 8956'-57', 8965'-66', 8975'-76', 8980'-81', 9001'-02', 9022'-23', 9030'-31', 9043'-44', 9057'-58', 9066'-67', 9080'-81', 9119'-20', 9131'-32' & 9156'-57' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4942 GAL YF123ST+ PAD & 55538 GAL YF123ST+ & YF118ST+ WITH 189000# 20/40 SAND @ 1-6 PPG. MTP 7764 PSIG. MTR 51.8 BPM. ATP 5809 PSIG. ATR 48.9 BPM. ISIP 3100 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8910'. PERFORATED UPR FROM 8654'-55', 8697'-98', 8711'-12', 8719'-20', 8728'-29', 8736'-37', 8766'-67', 8797'-98', 8842'-43', 8851'-52', 8883'-84' & 8890'-91' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4964 GAL YF123ST+ PAD & 43546 GAL YF123ST+ & YF118ST+ WITH 131100# 20/40 SAND @ 1-6 PPG. MTP 7695 PSIG. MTR 50.4 BPM. ATP 5717 PSIG. ATR 47.6 BPM. ISIP 3510 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8625'. PERFORATED UPR FROM 8386'-87', 8459'-60', 8485'-86', 8495'-96', 8503'-04', 8533'-34', 8543'-44', 8561'-62', 8570'-71', 8580'-81', 8590'-91' & 8596'-97' @ 3 SPF & 120° PHASING. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4931 GAL YF123ST+ PAD & 51139 GAL YF123ST+ & YF118ST+ WITH 169100# 20/40 SAND @ 1-6 PPG. MTP 8152 PSIG. MTR 51.2 BPM. ATP 5592 PSIG. ATR 48.1 BPM. ISIP 3600 PSIG. RD SCHLUMBERGER. SDFN.

02-19-2007	7 F	Reported I	<b>Ву</b> М	ICCURDY							
DailyCosts:	Drilling	\$	0	Cor	npletion			Dail	y Total		
Cum Costs:	Drilling	5	,	Cor	npletio <b>n</b>			Well	Total		
MD	10,200	TVD	10,200	Progress	0	Days	33	MW	0.0	Visc	0.0
Formation	: MEASA	VERDE	PBTD:	10135.0		Perf: 806	5'-9949'		PKR De <sub>l</sub>	oth: 0.0	
Activity at	Report 7	ime: FRA	C UPR								
Start	End	Hrs	Activity Desc	cription							
08:00	10:00	2.0	RUWL. SET 10 8120'-21', 814 SDFN.	0K CFP AT 835 40'-41', 8271'-	72', 8278'-	RATED UPR 79', 8286'-8	7', 8297'–98	'-66', 8073' ' & 8324'-2	-74', 8082'-8 5' @ 3 SPF &	3', 8101'-02', 120° PHASIN	, 8108'-09', G. RDWL.
02-20-200	7 1	Reported 1	By M	ICCURDY							
DailyCosts:	: Drilling	ş \$	0	Co	mpletion			Dail	y Total		
Cum Costs	: Drillin	g		Co	mpletion			Wel	l Total	•	
MD	10,200	TVD	10,200	Progress	0	Days	34	MW	0.0	Visc	0.0
Formation	: MEASA	VERDE	PBTD:	10135.0		Perf: 806	5'-9949'		PKR De	<b>pth:</b> 0.0	
Activity at	Report 7	l <b>ime:</b> PRE	P TO FLOW TE	EST							
Start	End	Hrs	Activity Des	cription							
06:00	10:00	4.0	PHASING. RU PAD, 55459 G	IG. RUWL SET 08'-09', 8120'- J SCHLUMBER AL YF123ST+ G. ATR 47.4 BP	21', 8140'- RGER. FRA & YF118ST	-41', 8271'-7 C DOWN CA C+ WITH 1955	2', 8278'-79 ASING WITH 500# 20/40 S	9', 8286'-87' 1 165 GAL C SAND @ 1-6	', 8297'–98' & GYPTRON T–	8324'–25' @ 106, 4979 GA	3 SPF & 120 L YF123ST+
				EASE WL TO A						NG IN RIG. W	TILL FLOW
02-21-200	7	Reported	By S	SEARLE							
DailyCosts	: Drillin	g <sup>5</sup>	60	Co	mpletion			Dai	ly Total		

Days

Perf: 8065'-9949'

10,200 Progress

**PBTD**: 10135.0

MD

10,200 TVD

Activity at Report Time: RU TEST UNIT

Formation: MEASAVERDE

MW

0.0

PKR Depth: 0.0

Visc

0.0

**DailyCosts: Drilling** 

**Cum Costs: Drilling** 

10,200

MD

\$0

10,200

**TVD** 

Start End **Activity Description** 06:00 06:00 24.0 FLOWED 24 HRS. 16/64" CHOKE. FCP 750 PSIG. 54 BFPH. RECOVERED 1215 BLW. 6926 BLWTR. WILL RU TEST UNIT & FLOW TO SALES THIS AM. 02-22-2007 Reported By **SEARLE** DailyCosts: Drilling \$0 Completion **Daily Total Cum Costs: Drilling** Completion Well Total MD 10,200 TVD 10,200 0 **Progress** Davs 36 MW 0.0 Visc 0.0 Formation: MEASAVERDE **PBTD:** 10135.0 Perf: 8065'-9949' PKR Depth: 0.0 **Activity at Report Time: FLOWING TO SALES** Activity Description Start End 06:00 06:00 24.0 FLOWED 24 HRS. 24/64" CHOKE. FCP 350 PSIG. 14 BFPH. RECOVERED 715 BLW. 6211 BLWTR. 02-23-2007 **SEARLE** Reported By \$0 DailyCosts: Drilling Completion **Daily Total Cum Costs: Drilling** Completion Well Total MD 10,200 0 TVD 10,200 **Progress** 37 MW 0.0 Days 0.0 Visc Formation: MEASAVERDE **PBTD:** 10135.0 Perf: 8065'-9949' PKR Depth: 0.0 **Activity at Report Time: FLOW TEST** Start End **Activity Description** 24.0 FLOWED 24 HRS. 24/64" CHOKE. FCP 150 PSIG. 14 BFPH. RECOVERED 393 BLW. 5818 BLWTR. 06:00 06:00 02-24-2007 Reported By **SEARLE** Daily Costs: Drilling \$0 Completion **Daily Total Cum Costs: Drilling** Completion Well Total MD 10,200 TVD 10,200 0 Progress Davs 38 MW0.0 Visc 0.0 Formation: MEASAVERDE **PBTD:** 10135.0 Perf: 8065'-9949' PKR Depth: 0.0 Activity at Report Time: FLOW TEST Start End Hrs **Activity Description** 24.0 FLOWED 24 HRS. 24/64" CHOKE. FCP 200 PSIG. 14 BFPH. RECOVERED 311 BLW. 5507 BLWTR. 02-25-2007 Reported By **SEARLE DailyCosts: Drilling** \$0 Completion **Daily Total** \$ **Cum Costs: Drilling** Completion Well Total 10.200 MD **TVD** 10,200 Progress 0 Davs 39 MW 0.0 0.0 Visc Formation: MEASAVERDE **PBTD**: 10135.0 Perf: 8065'-9949' PKR Depth: 0.0 **Activity at Report Time: FLOW TEST** Start End Hrs **Activity Description** 24.0 FLOWED 24 HRS. 32/64" CHOKE. FCP 150 PSIG. 5 BFPH. RECOVERED 181 BLW. 5326 BLWTR. 02-26-2007 **SEARLE** Reported By

**Days** 

**Daily Total** 

Well Total

MW

0.0

Visc

0.0

40

Completion

Completion

**Progress** 

PKR Depth: 0.0 Perf: 8065'-9949' **PBTD:** 10135.0 Formation: MEASAVERDE Activity at Report Time: FLOW TEST **Activity Description** Start End Hrs 24.0 FLOWED 24 HRS. 32/64" CHOKE. FCP 100 PSIG. 6 BFPH. RECOVERED 133 BLW. 5193 BLWTR. 06:00 06:00 **SEARLE** 02-27-2007 Reported By **Daily Total** DailyCosts: Drilling 80 Completion Well Total Completion **Cum Costs: Drilling** Visc 0.0 10,200 10,200 0 MW MD TVD **Progress** Days PKR Depth: 0.0 Formation: MEASAVERDE PBTD: 10135.0 Perf: 8065'-9949' Activity at Report Time: DRILL OUT PLUGS Start **Activity Description** 24.0 FLOWED 24 HRS. 32/64" CHOKE. FCP 100 PSIG. 5 BFPH. RECOVERED 193 BLW. 5000 BLWTR. 06:00 06:00 HISLOP 02-28-2007 Reported By **Daily Total** \$0 Completion DailyCosts: Drilling Well Total Completion **Cum Costs: Drilling** 0.0 0.0 Visc 10,200 10,200 Progress Days 35 MW MD TVD PKR Depth: 0.0 **PBTD:** 10135.0 Perf: 8065'-9949' **Formation:** MEASAVERDE Activity at Report Time: DRILL CFPS Start End **Activity Description** 11.0 MIRU ROYAL WELL SERVICE RIG #2. FCP 100 PSIG. 24/64" CHOKE. TOP KILL WELL WITH 30 BBLS TREATED 06:00 17:00 WATER. ND FRAC VALVE. NU BOP. RIH WITH 3 7/8" HURRICANE MILL, POBS, 1 JT 2 3/8", N-80, 8RD, 4.7#, XN, 246 JTS TUBING TO ABOVE TOP PERF @ 8054'. SWI. SDFD. HISLOP 03-01-2007 Reported By **Daily Total** DailyCosts: Drilling \$0 Completion Well Total Completion **Cum Costs: Drilling** 0.0 0.0 0 Visc MD 10,200 TVD 10,200 **Progress** Days 36 MW Perf: 8065'-9949' PKR Depth: 0.0 PBTD: 10135.0 **Formation: MEASAVERDE Activity at Report Time: FLOW TEST** Start End Hrs **Activity Description** 24.0 SITP 0 PSIG. SICP 500 PSIG. CLEANED OUT & DRILLED OUT CFPS @ 8350', 8625', 8910', 9184', 9430', & 9680'. 06:00 06:00 RIH. CLEANED OUT TO 9997'. LANDED TUBING @ 8042' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMOSU. FLOWED 11 HRS. 16/64" CHOKE. FTP 1600 PSIG. CP 2200 PSIG. 32 BFPH. RECOVERED 385 BLW. 4665 BLWTR. TUBING DETAIL LENGTH PUMP OFF SUB 0.91' 1 JT 2 3/8" N-80 8RD 4.7# 32.70' XN NIPPLE 1.10' 245 JTS 2 3/8" N-80 8RD 4.7# 7988.61' BELOW KB 19.00'L 8042.32' KB LANDED @

03-02-20	007 R	eported By	н	SLOP							
DailyCost	ts: Drilling	\$0		Con	npletion			Dail	y Total		
Cum Cos	ts: Drilling			Con	npletion			Well	Total		
MD	10,200	TVD	10,200	Progress	0	Days	37	MW	0.0	Visc	0.0
Formatio	n : MEASA	/ERDE	<b>PBTD</b> : 1	0135.0		Perf: 806	5'-9949'		PKR Dep	th: 0.0	
Activity a	t Report T	ime: INITIAL	. PRODUCT	ION - FLOW T	EST						
Start	End	Hrs Ac	tivity Desc	ription							
06:00	06:00			OUGH TEST U BLWTR. 868 N			OKE. FTP 1	000 PSIG. C	P 2000 PSIG. :	23 BFPH. RE	ECOVERED
		INI 12:	TIAL PROD	OUCTION, OPE 07. FLOWED 10	NING PRE 000 MCFD	ESSURE: TP 1 RATE ON 20	375 & CP 2 /64" CHOK	400 PSI. TUI E.	RNED WELL	TO QUESTA	R SALES AT
03-03-20	007 R	eported By	н	SLOP			***************************************				
DailyCost	ts: Drilling	\$0		Con	npletion			Dail	y Total		
Cum Cos	ts: Drilling			Con	npletion			Well	Total	;	
MD	10,200	TVD	10,200	Progress	0	Days	38	MW	0.0	Visc	0.0
Formatio	n : MEASA	/ERDE	PBTD: i	0135.0		Perf: 8065	5'–9949'		PKR Dep	th: 0.0	
Activity a	t Report T	ime: FLOW T	ESTING.								
Start	End	Hrs Ac	tivity Desc	ription							
06:00	06:00			OUGH TEST U BLWTR. 806 N			OKE. FTP 8	000 PSIG. CP	2100 PSIG. 23	3 BFPH. REC	COVERED
03-04-20	07 R	eported By	HI	SLOP							
DailyCost	ts: Drilling	\$0		Con	npletion			Daily	y Total		
Cum Cos	ts: Drilling			Con	npletion			Well	Total		
MD	10,200	TVD	10,200	Progress	0	Days	39	MW	0.0	Visc	0.0
	n: MEASA		PBTD: 1	0135.0		Perf: 8065	5'-9949'		PKR Dep	<b>th:</b> 0.0	
Activity a	t Report Ti	ime: FLOW T	ESTING								
Start	End		tivity Desc	-							
06:00	06:00	24.0 FL 371	OWED THR BLW. 3357	OUGH TEST U BLWTR. 748 N	'NIT 24 HR 1CFD RAT	RS. 22/64" CH E.	OKE. FTP 6	50 PSIG. CP	1500 PSIG. 14	BFPH. REC	OVERED
03-05-20	07 R	eported By	н	SLOP							
DailyCost	ts: Drilling	\$0		Con	apletion			Daily	y Total		
Cum Cos	ts: Drilling			Con	apletion			•	Total		
MD	10,200	TVD	10,200	Progress	0	Days	40	MW	0.0	Visc	0.0
Formatio	n: MEASA	/ERDE	<b>PBTD</b> : 10	0135.0		Perf: 8065	5'-9949'		PKR Dep		
Activity a	t Report Ti	ime: FLOW T	ESTING						•		
Start	End	Hrs Ac	tivity Desc	ription							
06:00	06:00	24.0 FLo	OWED THR W. 2985 BLV	OUGH TEST U VTR. 732 MCFI	NIT 24 HR D RATE.	S. 22/64" CH	OKE. FTP 6	25 PSIG. CP	1350 PSIG. 9	BFPH. RECO	VERED 272

WILL RD TEST UNIT & PUT TO SALES THIS AM. FINAL REPORT.

Form 3160-4 (April 2004)

## UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED

			]	BUREAU	OF LAND N	<b>MANAGE</b>	EMENT						ombno. xpires: Ma	rch 31, 2007		
	WEL	L CO	COMPLETION OR RECOMPLETION REPORT AND LOG								-	i. Lease U-49	Serial No. 518			
la. Type	of Wall	Coity	Well .	Gas Well		Other					- 6	. If Indi	an, Allottee	or Tribe Name		
	of Completi				Work Over		, 🗀 թև	ıg Back Г	Diff	Resvr.			,			
	•	_	Other								7.	7 Unit or CA Agreement Name and No. Old Squaws Crossing Unit II				
2. Name	of Operator	r EOG	Resour	ces, Inc.							8		N		1-27	
3. Addre	ss 600 17	th Stree	t, Suite	1000N, Der	ver, CO 80202			one No. (inc		a code,	9	. AFI W	ell No. 47-37679			
4. Locati	on of Well	(Report l	ocation o	clearly and in	accordance with	Federal ı					10			Exploratory /Mesaverde		
At sur	face 60	66' FSL	& 722'	FEL (SES	E) 39.912672 I	AT 109.	761281 L	ON			11	Sec. 1	r R M o	n Block and		
At top	prod. inter	val report	ted belov	V Same							12		or Area S	Sec. 27-T10S-R19E		
At tota	al depth S	Same										Uintal	County	UT		
14. Date 9	pudded 5/ <b>2006</b>		15.	Date T.D. Re 01/03/200			16. Date C	• —	03/01/2 Ready t		l.   17		tions (DF, F NAT GL	RKB, RT, GL)*		
18. Total	Depth: M	D 10,2	00	19	Plug Back T.D.	: MD 1	0,135	20	Dept	h Bridg	ge Plug Set	: MD				
	T	VD				TVD						TVI	)			
21. Type	Electric &	Other M	echanic	al Logs Run	(Submit copy of	each)		22		well co		No L		mit analysis) mit report)		
	CBL/VDI			<u>-</u>								√No		Submit copy)		
	Ť				s set in well)	Stage	Cementer	No. of S	ks. &	Slur	rry Vol. BBL)	C	T*	Amount Pulled		
Hole Size	Size/Gra		t. (#/ft.)	Top (MD)	0-2437	D) De	epth	Type of C	Cement	<u>(I</u>	BBL)	Cement Top* Amount Pulled				
7-7/8"	9-5/8"		.0# .6#	P-110	0-2437			2290 sx								
1-1/8"	4-1/2	11	.0#	F-110	0-10,102			227U 3X								
24 Tubin	<u> </u>			<b>1</b>								1				
Size	<del></del>	Set (MD	) Packs	er Depth (MID	) Size	Depth	Set (MD)	Packer Dep	pth (MD)		Size	Depth	Set (MD)	Packer Depth (MD)		
2-3/8" 25. Produc	8042	ıls	<u> </u>			26.	Perforation	Record		_						
23. 11044	Formation			Тор	Bottom		Perforated			Size	No. I	Ioles	P	Perf. Status		
A) Mesa	verde		<del> </del>	8065	9949	9715	9949				3/spf					
B)						9456-	-9662				2/spf					
<u>C)</u>						9219	-9414				2/spf					
D)						8956	-9157				2/spf					
	<del></del>		Cement S	Squeeze, etc.	· · · · · · · · · · · · · · · · · · ·			mount and	Toma of 1	. Intonio	-1					
	Depth Interv	/81		62 067 CA	LS GELLED	WATED				Viateria	au					
9715-99 9456-96				<del></del>	LS GELLED											
9219-94					LS GELLED											
8956-91		-			LS GELLED											
28. Produ		rval A		,												
Date First Produced	Test Date	Hours Tested	Test Produc	Oil ction BBL	Gas MCF	Water BBL	Oil Grav Corr. A	vity PI	Gas Gravity		Production	Method				
03/01/2007	03/10/2007	24	<del></del>	28	478	98					FLOWS F	ROM WE	LL			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Star	tus	PRODUC	ING GAS	WELL.			
16/64"	SI 700	1250	<u> </u>	28	478	98					110000	(JAD)				
	uction - Inte		Tact	To	T.Con 1	Water	Tono-		Gar	— т	Denducti	A death and				
Date First Produced	Test Date	Hours Tested	Test Produc	oil BBL	Gas MCF	BBL	Oil Grav Corr. Al	PI	Gas Gravity		Production	IVIEUIIOQ				
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well State	us			RE	CEIVED		
GIZE	SI SI			<b>▶</b>									M	AD 4 F		

\*(See instructions and spaces for additional data on page 2)

280. Prod		terval C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
28c. Prod	luction - In	terval D	<b>→</b>		+	<b></b>				
Date First	Test	Hours	Test	Oil	Gas	Water	011 0			
Produced	Date	Tested	Production	BBL	MCF	BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
		Gas (Sold, 1	ised for fuel,	vented, etc	.)		_L	<u> </u>		
SOL										
			(Include Aqu					31. Formation	on (Log) Markers	
	including occoveries.	depth interv	of porosity a ral tested, cus	nd contents hion used,	s thereof: C time tool ope	Cored intervals en, flowing an	and all drill-stem d shut-in pressures			
Form:	ation	Тор	Bottom		Descri	otions, Conten	ts, etc.		Name	Top Meas. Depth
Mesaverd  32. Addition  SEE A	nal remarks	8065  (include pi		edure):				Wasatch Chapita V Buck Can North Ho Mesaverd Middle Pr Lower Pri Sego	nyon rn de rice River	4353 4944 5665 6586 7952 8708 9569 9965
33. Indicate v	which itme	s have been	attached by.	placing a c		appropriate bo	xes:			
Sundry	v Notice fo	nical Logs r plugging	(1 full set rec and cement v	q'd.) erification		gic Report Analysis	DST Report Other:	Directional S	urvey	
4. I hereby o	ertify that	the foregoin	ng and attach	ed informa	tion is comp	lete and correc	t as determined from	ı all available r	ecords (see attached instruction	ns)*
Name (plea	se print)	Mary A.	Maestas				Title Regulatory	Assistant		
Signature	<b>_</b> }\/	ari	a.	$\supset M$	lace	<u> </u>	Date 03/14/2007	<del></del>		
itle 18 U.S.C tates any false	Section 1 e, fictitiou	001 and Ti s or fraudu	tle 43 U.S.C lent stateme	Section 1 ents or repr	212, make it resentations	a crime for an	ny person knowingly tter within its juris	y and willfully	to make to any department or	agency of the United

#### Old Squaws Crossing Unit 124-27 - ADDITIONAL REMARKS (CONTINUED):

#### **26. PERFORATION RECORD**

8654-8891	3/spf
8386-8597	3/spf
8065-8325	3/spf

#### 27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

8654-8891	48,675 GALS GELLED WATER & 131,100# 20/40 SAND
8386-8597	56,235 GALS GELLED WATER & 169,100# 20/40 SAND
8065-8325	60,603 GALS GELLED WATER & 195,500# 20/40 SAND

Perforated the Lower Price River from 9715-9716', 9727-9728', 9737-9738', 9763-9764', 9782-9783', 9792-9793', 9849-9850', 9859-9860', 9914-9915', 9920-9921', 9930-9931' & 9948-9949' w/ 3 spf.

Perforated the Middle Price River from 9456-9457', 9472-9473', 9479-9480', 9488-9489', 9496-9497', 9508-9509', 9528-9529', 9544-9545', 9556-9557', 9563-9564', 9588-9589', 9620-9621', 9639-9640' & 9661-9662' w/ 2 spf.

Perforated the Middle Price River from 9219-9220', 9231-9232', 9239-9240', 9258-9259', 9284-9285', 9300-9301', 9326-9327', 9338-9339', 9347-9348', 9368-9369', 9379-9380', 9386-9387', 9398-9399' & 9413-9414' w/ 2 spf.

Perforated the Middle Price River from 8956-8957', 8965-8966', 8975-8976', 8980-8981', 9001-9002', 9022-9023', 9030-9031', 9043-9044', 9057-9058', 9066-9067', 9080-9081', 9119-9120', 9131-9132' & 9156-9157' w/ 2 spf.

Perforated the Middle Price River from 8654-8655', 8697-8698', 8711-8712', 8719-8720', 8728-8729', 8736-8737', 8766-8767', 8797-8798', 8842-8843', 8851-8852', 8883-8884' & 8890-8891' w/ 3 spf.

Perforated the Upper Price River from 8386-8387', 8459-8460', 8485-8486', 8495-8496', 8503-8504', 8533-8534', 8543-8544', 8561-8562', 8570-8571', 8580-8581', 8590-8591' & 8596-8597' w/ 3 spf.

Perforated the Upper Price River from 8065-8066', 8073-8074', 8082-8083', 8101-8102', 8108-8109', 8120-8121', 8140-8141', 8271-8272', 8278-8279', 8286-8287', 8297-8298' & 8324-8325' w/ 3 spf.

CORRECTED FROM AN EARLIER SUBMISSION DATED 10/10/2006. CORRECT POOL FROM WASATCH/MESAVERDE TO JUST MESAVERDE.

Form 3160-5 (February 2005)	UNITED STATES				FORM APPROVED OM B No. 1004-0137		
	DEPARTMENT OF THE BUREAU OF LAND MAN				Expires: March 31, 2007		
SUNDRY	5. Lease Seria U-49518						
	nis form for proposals to		<del>-</del>	6. If Indian,	, Allottee or Tribe Name		
	ell. Use Form 3160 - 3 (A						
SUBMIT IN TR	IPLICATE- Other instr	ructions on r	everse side.	7. If Unit or	CA/Agreement, Name and/or No.		
1. Type of Well				Old Squ	uaws Crossing Unit II		
Oil Well	Gas Well Other			8. Well Nam			
2. Name of Operator EOG Resor	urces, Inc.			9. API We	uaws Crossing Unit II 124-27		
3a. Address	<del></del>		include area code)	43-047-			
600 17th Street, Suite 1000N, I		303-824-552	6		d Pool, or Exploratory Area  Buttes/Mesaverde		
4. Location of Well (Footage, Sec.,					or Parish, State		
666' FSL & 722' FEL (SE/SE Sec. 27-T10S-R19E 39.91267					County, UT		
		D. T. C.					
	PPROPRIATE BOX(ES) TO	INDICATE NA		KEPORI, OR	OTHER DATA		
TYPE OF SUBMISSION			TYPE OF ACTION				
Notice of Intent	Acidize  Alter Casing	Deepen Fracture Treat	Production (S	Start/Resume)	Water Shut-Off		
	Casing Repair	New Construc			Well Integrity  Other Well spud		
Subsequent Report	Change Plans	Plug and Abar		Abandon			
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispose	al .			
following completion of the investing has been completed. Fit determined that the site is ready  The referenced well spud	nal Abandonment Notices must be a for final inspection.) on 10/5/2006.	results in a multiple	completion or recompletion	n in a new interval	, a Form 3160-4 must be filed once		
<ol> <li>I hereby certify that the fore Name (Printed/Typed)</li> </ol>		1					
Mary A. Maestas	3	tle Regulatory Assistan	<u>t</u>				
Signature //	a. Mantar	ate	04/25/2007				
	THIS SPACE FOR F	EDERAL O	R STATE OFFIC	E USE			
Approved by			Title	L L	ate		
Conditions of approval, if any, are a certify that the applicant holds legal which would entitle the applicant to	l or equitable title to those rights ir						
Title 18 U.S.C. Section 1001 and Title States any false, fictitious or fraudul				y to make to any	department or agency of the United		
(Instructions on page 2)	The state of the s			7 1.00	JEWED		

APR 2 7 2007

CORRECTED FROM AN EARLIECTEMISSION DATED 10/10/2006. CORRECT POOL FROM WASATCH/MESAVERDE TO JUST MESAVERDE.

Form 3160-5 (February 2005)  DEPARTMENT OF THE BUREAU OF LAND MAN  SUNDRY NOTICES AND REI  Do not use this form for proposals to abandoned well. Use Form 3160-3 (A	FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007  5. Lease Serial No. U-49518  6. If Indian, Allottee or Tribe Name  7. If Unit or CA/Agreement, Name and/or No. Old Squaws Crossing Unit II			
SUBMIT IN TRIPLICATE- Other insti				
2. Name of Operator EOG Resources, Inc.  3a. Address 600 17th Street, Suite 1000N, Denver, CO 80202	3b. Phone No. (include area code) 303-824-5526	8. Well Name and No. Old Squaws Crossing Unit II 124-27  9. API Well No. 43-047-37679		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 666' FSL & 722' FEL (SE/SE) Sec. 27-T10S-R19E 39.912672 LAT 109.761281 LON		10. Field and Pool, or Exploratory Area Natural Buttes/Mesaverde  11. County or Parish, State Uintah County, UT		
12. CHECK APPROPRIATE BOX(ES) TO TYPE OF SUBMISSION	TYPE OF ACTION	REPORT, OR OTHER DATA		
✓ Notice of Intent       ☐ Acidize         ☐ Alter Casing       ☐ Casing Repair         ☐ Change Plans       ☐ Convert to Injection	Deepen Production (St Fracture Treat Reclamation New Construction Plug and Abandon Plug Back Water Disposal	Well Integrity Other  Dandon		
13. Describe Proposed or Completed Operation (clearly state all pertin If the proposal is to deepen directionally or recomplete horizontally Attach the Bond under which the work will be performed or provide following completion of the involved operations. If the operation resting has been completed. Final Abandonment Notices must be a determined that the site is ready for final inspection.)  EOG Resources, Inc. requests authorization for disposal  1. Natural Buttes Unit 21-20B SWD  2. Ace Disposal  3. RN Industries	nent details, including estimated starting date of a y, give subsurface locations and measured and trule the Bond No. on file with BLM/BIA. Requiresults in a multiple completion or recompletion filed only after all requirements, including reclans.	ny proposed work and approximate duration thereof.  we vertical depths of all pertinent markers and zones.  ed subsequent reports must be filed within 30 days  in a new interval, a Form 3160-4 must be filed once  nation, have been completed, and the operator has		

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	1					
Mary A. Maestas	Title	Regulatory Assistant				
Signature Mary A. Marya	Date		04/25/2007			
THIS SPACE FOR FEDERAL	OR	STATE OF	FICE USE			
Approved by	-	Title	Date			
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject lea which would entitle the applicant to conduct operations thereon.	i	Office				
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to any matter	person within	knowingly and its jurisdiction.	willfully to make to any department or agency of the United			

(Instructions on page 2)

APR 2 7 2007



## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

5. Lease Serial No.

SUNDRY	01049518						
Do not use thi abandoned wei	6. If Indian, Allottee o	r Tribe Na	nme				
SUBMIT IN TRI	PLICATE - Other instruc	erse side.		7. If Unit or CA/Agree OSCU II	ement, Nai	me and/or No.	
Type of Well     Oil Well	ner				8. Well Name and No. OSCU II 124-27		
2. Name of Operator EOG RESOURCES INC	Contact: E-Mail: mary_mae	MARY A. MA stas@eogreso			9. API Well No. 43-047-37679		
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00N	3b. Phone No Ph: 303-82	. (include area code) 24-5526		10. Field and Pool, or NATURAL BUT		
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	)			11. County or Parish, a	and State	
Sec 27 T10S R19E SESE 666 39.91267 N Lat, 109.76128 W					UINTAH COUN	TY, UT	
12. CHECK APPE	ROPRIATE BOX(ES) TO	) INDICATE	NATURE OF N	NOTICE, RI	EPORT, OR OTHEI	R DATA	1
TYPE OF SUBMISSION			ТҮРЕ О	ACTION			
Notice of Intent   ■ Notice of Intent	Notice of Intent			☐ Product	ion (Start/Resume)	□ Wa	ter Shut-Off
_	☐ Alter Casing	☐ Frac	ture Treat	□ Reclama	ation	☐ We	ll Integrity
☐ Subsequent Report	<ul><li>□ Casing Repair</li><li>□ Change Plans</li></ul>	☐ Nev	Construction	Recomp		☐ Oth	er
☐ Final Abandonment Notice	g and Abandon	_	rarily Abandon				
	☐ Convert to Injection	☐ Plug	g Back	☐ Water D	Pisposal		
If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi EOG Resources, Inc. requests procedure. Production will be	k will be performed or provide operations. If the operation re- vandonment Notices shall be file inal inspection.)	the Bond No. or sults in a multipled only after all	n file with BLM/BIA e completion or reco requirements, include enced well as pe	<ul> <li>Required sub impletion in a raing reclamation</li> <li>the attache</li> </ul>	osequent reports shall be new interval, a Form 316 n, have been completed, a	filed withi 0-4 shall b	in 30 days be filed once
•	Accepted by the Utah Division of Oil, Gas and Minir	•	Federal Approval Of This Action Is Necessary COPY SENT TO OPERATOR				
	-	· @	ACTION IS N	ecessary			
Date:	3/17/08	-A			Date: 3 · :		
By:_ <del>X</del> Co	moningle appro-	of 3/21,	107		<b>in</b> itials:	K5	
14. I hereby certify that the foregoing is	Electronic Submission #	59018 verified	I by the BLM Well INC, sent to the \	Information /ernal	System		
Name(Printed/Typed) MARY A.	MAESTAS	Title REGUL	ATORY AS	SISTANT			
Signature MAFlectionic S	sulmiseiga when	Date 03/10/20	008				
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE		
Approved By			Title			D	ate
Conditions of approval, if any, are attached certify that the applicant holds legal or equipment of the conditions of approval, if any, are attached certify that the applicant holds legal or equipment of the conditions of approval.	itable title to those rights in the	not warrant or subject lease					
which would entitle the applicant to condu		onimo for one	Office	millfuller to	les to ony donostmont	nganov of	the United
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a statements or representations as	to any matter w	erson knowingly and ithin its jurisdiction.	willfully to ma	ike to any department or	agency of	the United

#### Old Squaws Crossing Unit II 124-27

- Perforate the North Horn from 7700-7701', 7707-7708', 7715-7716', 7723-7724', 7759-7760', 7784-7785', 7795-7796', 7809-7810', 7858-7859', 7890-7891', 7897-7898', 7906-7907', 7971-7972' & 8018-8019' w/ 2 spf. Fracture stimulate with gelled water and 20/40 sand.
- 2. Perforate the North Horn from 7393-7395', 7400-7401', 7413-7415', 7486-7488', 7528-7529', 7547-7548', 7565-7566' & 7599-7601' w/ 3 spf. Fracture stimulate with gelled water and 20/40 sand.
- 3. Perforate the North Horn from 7094-7095', 7114-7115', 7181-7182', 7212-7213', 7237-7238', 7244-7245', 7256-7258', 7310-7311', 7315-7317' & 7324-7325' w/ 3 spf. Fracture stimulate with gelled water and 20/40 sand.
- 4. Perforate the North Horn from 6829-6830', 6842-6843', 6847-6848', 6878-6879', 6883-6884', 6909-6910', 6916-6917', 6921-6922', 6931-6932', 6942-6943', 6957-6958' & 7041-7042' w/ 3 spf. Fracture stimulate with gelled water and 20/40 sand.
- 5. Perforate the Bf from 6393-6394', 6430-6431', 6486-6487', 6492-6493', 6497-6498', 6504-6505', 6515-6516', 6565-6566', 6622-6623', 6638-6640' & 6643-6644' w/ 3 spf. Fracture stimulate with gelled water and 20/40 sand.
- 6. Perforate the Ba from 5679-5681', 5684-5686', 5696-5698', 5700-5702' & 5710-5712' w/ 3 spf. Fracture stimulate with gelled water and 20/40 sand.
- 7. Perforate the Ca from 5513-5515', 5525-5527', 5530-5532', 5543-5545', 5553-5554', 5561-5562' & 5568-5569' w/ 3 spf. Fracture stimulate with gelled water and 20/40 sand.
- 8. Perforate the Ca from 5177-5178', 5186-5187', 5193-5195', 5200-5202', 5246-5247', 5250-5251', 5255-5256', 5287-5288', 5319-5320' & 5324-5325' w/ 3 spf. Fracture stimulate with gelled water and 20/40 sand.
- 9. Perforate the Ca from 5084-5086', 5100-5102', 5116-5118', 5123-5124' & 5126-5128' w/ 3 spf. Fracture stimulate with gelled water and 20/40 sand.
- 10. Perforate the Pp from 4840-4842', 4848-4850', 4856-4858', 4867-4869' & 4889-4891' w/ 3 spf. Fracture stimulate with gelled water and 20/40 sand.

Return well to sales, commingling the Wasatch and Mesaverde formations.

Form 3160-5 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

Do not use thi	NOTICES AND REPO is form for proposals to II. Use form 3160-3 (AP	drill or to re	-enter an		5. Lease Serial No. UTU49518  6. If Indian, Allottee or	Tribe Name
SUBMIT IN TRI	PLICATE - Other instru	ctions on rev	erse side.		7. If Unit or CA/Agree OSCU II	ment, Name and/or No.
Type of Well     Oil Well	ier		•		8. Well Name and No. OSCU II 124-27	
2. Name of Operator EOG RESOURCES INC	Contact: E-Mail: mary_mae	MARY A. MA estas@eogreso			9. API Well No. 43-047-37679	
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00N	3b. Phone No Ph: 303-82	. (include area code 4-5526	e)	10. Field and Pool, or I NATURAL BUT	Exploratory FES/WASATCH/MV
4. Location of Well (Footage, Sec., T.	., R., M., or Survey Description	ı)	. Tab	-	11. County or Parish, a	nd State
Sec 27 T10S R19E SESE 666 39.91267 N Lat, 109.76128 W					UINTAH COUNT	ry, ut
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF	NOTICE, R	EPORT, OR OTHER	R DATA
TYPE OF SUBMISSION			ТҮРЕ О	F ACTION		
☐ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Produc	tion (Start/Resume)	☐ Water Shut-Off
_	☐ Alter Casing	☐ Frac	ture Treat	□ Reclam	ation	■ Well Integrity
■ Subsequent Report	□ Casing Repair	■ New	Construction	Recom	plete	☐ Other
☐ Final Abandonment Notice	□ Change Plans	Plug	and Abandon	□ Tempor	rarily Abandon	
	☐ Convert to Injection	Plug	Back	□ Water I	Disposal	
13. Describe Proposed or Completed Ope If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Abdetermined that the site is ready for fit.  The referenced well was record.	ally or recomplete horizontally, k will be performed or provide operations. If the operation re andonment Notices shall be fill nal inspection.)  In pleted as per the attach	give subsurface the Bond No. or sults in a multipled only after all ned.	locations and meas i file with BLM/BL e completion or rec requirements, inclu-	ured and true v. A. Required su completion in a ding reclamatio	ertical depths of all pertine beequent reports shall be to new interval, a Form 3160 n, have been completed, a	ent markers and zones. Tiled within 30 days 0-4 shall be filed once
	Electronic Submission For EOG	#60919 verified RESOURCES	INC, sent to the	Vernal		
Name(Printed/Typed) MARY A.	WAESTAS		Title REGUI	LATORY AS	SISTANT	<del></del>
Signature M Gilactronia's	Submission alla		Date 06/17/2	2008		
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE	
Approved By			Title			Date
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct the conduction of t	nitable title to those rights in the		Office			
Title 19 II C C Section 1001 and Title 42	II C.C. Santian 1212 make it a	arima for any no	mon knowingly on	d willfully to m	aka ta any department or	gency of the United

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### Old Squaws Crossing Unit II 124-27

- Perforated the North Horn from 7700-7701', 7707-7708', 7715-7716', 7723-7724', 7759-7760', 7784-7785', 7795-7796', 7809-7810', 7858-7859', 7890-7891', 7897-7898', 7906-7907', 7971-7972' & 8018-8019' w/ 2 spf. Fracture stimulated with 60,051 gals gelled water and 182,200# 20/40 sand.
- 2. Perforated the North Horn from 7393-7395', 7400-7401', 7413-7415', 7486-7488', 7528-7530', 7547-7548', 7565-7566' & 7672-7673' w/ 3 spf. Fracture stimulated with 35,705 gals gelled water and 91,900# 20/40 sand.
- 3. Perforated the North Horn from 7094-7095', 7114-7115', 7181-7182', 7212-7213', 7237-7238', 7244-7245', 7256-7258', 7310-7311', 7315-7317' & 7324-7325' w/ 3 spf. Fracture stimulated with 39,597 gals gelled water and 108,700# 20/40 sand.
- Perforated the North Horn from 6829-6830', 6842-6843', 6847-6848', 6878-6879', 6883-6884', 6909-6910', 6916-6917', 6921-6922', 6931-6932', 6942-6943', 6957-6958' & 7041-7042' w/ 3 spf. Fracture stimulated with 35,400 gals gelled water and 91,700# 20/40 sand.
- 5. Perforated the Bf from 6393-6394', 6430-6431', 6486-6487', 6492-6493', 6497-6498', 6504-6505', 6515-6516', 6565-6566', 6622-6623', 6638-6640' & 6643-6644' w/ 3 spf. Fracture stimulated with 35,691 gals gelled water and 92,000# 20/40 sand.
- 6. Perforated the Ba from 5679-5681', 5684-5686', 5696-5698', 5700-5702' & 5710-5712' w/ 3 spf. Fracture stimulated with 27,283 gals gelled water and 74,100# 20/40 sand.
- 7. Perforated the Ca from 5513-5515', 5525-5527', 5530-5532', 5543-5545', 5553-5554', 5561-5562' & 5568-5569' w/ 3 spf. Fracture stimulated with 32,313 gals gelled water and 91,500# 20/40 sand.
- 8. Perforated the Ca from 5177-5178', 5186-5187', 5193-5195', 5200-5202', 5246-5247', 5250-5251', 5255-5256', 5287-5288', 5319-5320' & 5324-5325' w/ 3 spf. Fracture stimulated with 32,890 gals gelled water and 91,400# 20/40 sand.
- 9. Perforated the Ca from 5084-5086', 5100-5102', 5116-5118', 5123-5124' & 5126-5128' w/ 3 spf. Fracture stimulated with 24,884 gals gelled water and 66,700# 20/40 sand.
- 10. Perforated the Pp from 4840-4842', 4848-4850', 4856-4858', 4867-4869' & 4889-4891' w/ 3 spf. Fracture stimulated with 26,664 gals gelled water and 75,900# 20/40 sand.

Returned well to sales on 6/11/2008, commingling the Wasatch and Mesaverde formations.

ROUTING
CDW

	X - Change of Operator (Well Sold)  The operator of the well(s) listed below has chan	ged. 6	effecti	ve:	Operator N		10/1/2011		
_	• • • • • • • • • • • • • • • • • • • •	, cou, (	0110001		TO: (New C	lmanatan):	10/1/2011		
	ROM: (Old Operator):				•	-	Compony IIC		
N9	550-EOG Resources, Inc.				1	Exploration ( Pyramid Cou	Company, LLC.		
	1060 E Highway 40					wood, CO 80	-		
	Vernal, UT 84078				Eligie	wood, CO oc	7112		
Pho	one: 1 (435) 781-9145				Phone: 1 (303	) 325-2561			
	CA No.				Unit:		NORTH A		
WI	ELL NAME	SEC	TWI	N RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
	SEE ATTACHED LIST - 10 WELLS								
		A TEXT	ONT.						
_	PERATOR CHANGES DOCUMENT ter date after each listed item is completed	AII	UN						
1.	(R649-8-10) Sundry or legal documentation wa	as rec	eived :	from the	FORMER on	erator on:	11/9/2011		
2.	(R649-8-10) Sundry or legal documentation wa						11/9/2011	-	
	The new company was checked on the <b>Depart</b>				=			-	6/29/2011
3. 4a.	Is the new company was checked on the <b>Depart</b> .		or Co	mmer ce	Business Num		5078823-0161		0/27/2011
	(R649-9-2) Waste Management Plan has been re		d on:			12/19/2011	3070023 0101	-	
	Inspections of LA PA state/fee well sites comp				n/a	-			
	Reports current for Production/Disposition & S				ok	-			
_	Federal and Indian Lease Wells: The BI					– ne merger na	me change		
6.						BLM	11/2/2011	BIA	
7	or operator change for all wells listed on Feder	ai or i	mulan	leases (	JII.	DLIVI	- 11/2/2011	DIA	<del></del>
7.	Federal and Indian Units:	c	•.	4 C			10/24/2011		
_	The BLM or BIA has approved the successor					1.	10/24/2011	-	
8.	Federal and Indian Communization Ag			-					
	The BLM or BIA has approved the operator						not yet	-	
9.	Underground Injection Control ("UIC"							ity to	
	Inject, for the enhanced/secondary recovery ur	it/pro	oject fo	or the w	ater disposal w	ell(s) listed o	n:	n/a	_
DA	ATA ENTRY:								
1.	Changes entered in the Oil and Gas Database				12/19/2011	_			
2.	Changes have been entered on the Monthly O	perat	or Ch	ange Sp	oread Sheet on	:	12/19/2011	_	
3.	Bond information entered in RBDMS on:				n/a	_			
4.	Fee/State wells attached to bond in RBDMS or				n/a	_			
5.	Injection Projects to new operator in RBDMS				n/a	<b>-</b> ,			
6.	Receipt of Acceptance of Drilling Procedures	or Al	'D/Ne	w on:		n/a	-		
BC	OND VERIFICATION:								
1.	Federal well(s) covered by Bond Number:				COB000296	<del>-</del>			
2.	Indian well(s) covered by Bond Number:	_			n/a	<del>-</del> ,	,		
3a.	(R649-3-1) The <b>NEW</b> operator of any state/fe	e wel	ll(s) lis	sted cov	ered by Bond N	Number	n/a	_	
3b.	The FORMER operator has requested a release	e of l	iabilit	y from t	heir bond on:	n/a			
Į,R	ASE INTEREST OWNER NOTIFIC	ATI	(ON:				-		
	(R649-2-10) The <b>NEW</b> operator of the fee wells				d and informed	by a letter fro	om the Division		
••	of their responsibility to notify all interest owner					n/a			

**COMMENTS:** Five undrilled APDs are not being transferred at this time and may be rescinded in the future.



#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM	AF	PR	O	VED
OMB N	٧o.	100	)4-	013
Evnirac	. 7.2	h, '	21	201

5. Lease	Serial No. Leases
Multiple	Leases

	NOTICES AND REP form for proposals	ORTS ON WELLS <i>to drill or to re-enter a</i>	6. If Indian, Allott	tee or Tribe Name
		APD) for such proposa		
	T IN TRIPLICATE - Othe	r instructions on page 2.	7. If Unit of CA/A Natural Buttes	greement, Name and/or No.
1. Type of Well Oil Well Gas W	7-U		8. Well Name and	No.
			Multiple Wells  9. API Well No.	
Name of Operator EOG Resources, Inc      3a. Address	N9550	3b. Phone No. (include area co	9. API Well No. See Attached	or Exploratory Area
1060 EAST HIGHWAY 40, VERNAL, UT 84078		435-781-9145	Natural Buttes	or Exploratory rusu
4. Location of Well (Footage, Sec., T.,. See Attached	R.,M., or Survey Description	i)	11. Country or Par Uintah, Utah	ish, State
12. CHEC	K THE APPROPRIATE BO	OX(ES) TO INDICATE NATUR	E OF NOTICE, REPORT OR O	THER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION	
✓ Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (Start/Resume Reclamation	Well Integrity
Subsequent Report .	Casing Repair	New Construction	Recomplete	Other Change of Operator
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	Temporarily Abandon Water Disposal	
testing has been completed. Final Addressment that the site is ready for EOG Resources, Inc. has assigned a Company, LLC and will relinquish an As of October 1, 2011, Koch Exploraterns and conditions of the applicabl Company, LLC's Nationwide BLM Box COCH EXPLORATION COMPANY,	final inspection.) all of its right, title and inted transfer operatorship of tion Company, LLC will be lease for the operations and No. COB000296.	erest in the wells described in the fall of the Subject Wells to Ko e considered to be the operate conducted upon the leased to	the attached list (the "Subject ch Exploration Company, LLC or of each of the Subject Well	Wells") to Koch Exploration C on October 1, 2011. Is and will be responsible under the
Brian J. Kissick Vice President	Date: September 1, 201	1	i	RECEIVED
Address: 9777 Pyramid Court, Suite Englewood, Colorado 801				NOV 03 2011
elephone Number: (303) 325-2561			DIV.	OF OIL, GAS & MINING
I hereby certify that the foregoing is tru     Name (Printed/Typed)     Michael Schween	e and correct.	Title Agent an	d Attorney-in-Fact	
Signature	1	Date 09/01/20	11	
	THIS SPACE I	FOR FÉDERAL OR STA	ATE OFFICE USEPP	ROVED 12/19 12011
pproved by  anditions of approval, if any, are attached, at the applicant holds legal or equitable title title the applicant to conduct operations the	e to those rights in the subject		Divisio	Carleye Russell on of Oil, Gas and Mining Russell, Engineering Technician

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

# Change of Operator from EOG Resources, Inc (N9555) to Koch Exploration Company, LLC (N3755) NORTH ALGER UNIT

OSC II 1-27	27	100S	190E	4304731722	10687	Federal	GW	P	NORTH ALGER
OSC 2-27	27	100S	190E	4304731898	10687	Federal	GW	P	NORTH ALGER
OSCU II 108-27	27	100S	190E	4304733463	10687	Federal	GW	P	NORTH ALGER
OS CROSSING U II 109-27	27	100S	190E	4304736269	10687	Federal	GW	P	NORTH ALGER
OSCU II 123-27	27	100S	190E	4304736743	10687	Federal	GW	P	NORTH ALGER
OSCU II 122-27	27	100S	190E	4304737678	10687	Federal	GW	P	NORTH ALGER
OSCU II 124-27	27	100S	190E	4304737679	10687	Federal	GW	P	NORTH ALGER
OSCU II 116-27	27	100S	190E	4304737680	10687	Federal	GW	P	NORTH ALGER
OSCU II 126-34	34	100S	190E	4304738901	10687	Federal	GW	P	NORTH ALGER
OSCU II 125-34	34	100S	190E	4304738902	10687	Federal	GW	P	NORTH ALGER



### United States Department of the Interior

# TAKE PRIDE

#### **BUREAU OF LAND MANAGEMENT**

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO: 3180 (UTU63094X) UT-922

OCT 2 4 2011

Morgan J. Connor Koch Exploration Company, LLC 9777 Pyramid Court, Suite 210 Englewood, CO 80112

Re:

Successor Operator

North Alger Unit

Agreement No. UT080P49-86U697

AFS No. 83686U697X Uintah County, Utah

Dear Mr. Connor:

On September 30, 2011, we received an indenture dated September 1, 2011, whereby EOG Resources, Inc. resigned as Unit Operator and Koch Exploration Company, LLC was designated as Successor Unit Operator for the North Alger Unit, Uintah County, Utah. The indenture was executed by both parties and the signatory parties (working interest owners) have complied with Sections 5 and 6 of the unit agreement.

The instrument is hereby approved effective October 24, 2011. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the North Alger Unit Agreement.

Your nationwide oil and gas bond, No. 82203357 (BLM Bond No. COB000296) will be used to cover unit operations.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate Federal offices, with one copy returned herewith.

Sincerely,

Roger L. Bankert

Chief, Branch of Minerals

Roger L Bankert

Enclosure

RECEIVED

CC:

UDOGM SITLA

ONRR - Leona Reilly BLM FOM - Vernal

DIV. OF OIL, GAS & MINING

NOV 07 2011

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOUF DIVISION OF OIL, GAS, AND M		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-49518
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantl reenter plugged wells, or to drill horiz n for such proposals.		7.UNIT or CA AGREEMENT NAME: NORTH ALGER
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: OSCU II 124-27
2. NAME OF OPERATOR: KOCH EXPLORATION COMP	PANY LLC		9. API NUMBER: 43047376790000
3. ADDRESS OF OPERATOR: 9777 Pyramid Court Ste 21	0 , Englewood, CO, 80112	PHONE NUMBER: 303 325-2562 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0666 FSL 0722 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	<b>HIP, RANGE, MERIDIAN:</b> 7 Township: 10.0S Range: 19.0E Meri	idian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	✓ CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
1/26/2012			
_	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
Koch Exploration Co from 1-13-2012 tubing, and subseq	completed operations. Clearly shown company, LLC (KEC) worked through 1-26-2012 to clearly return to production e attacheds; please see for	l over the OSCUII 124-27 anout rathole, reland n. Daily workover reports	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 26, 2012
NAME (PLEASE PRINT) Natalie Naeve	PHONE NUM 303 325-2565	IBER TITLE Operations Engineer	
SIGNATURE		DATE	
N/A		3/26/2012	

			KOCHEXP	LORATION C	O LLC DAILY	DKILLING KE	POKI		
Well:	OSCU11 124	4-27			Date:	1-13-012		Drilled to:	
County/ST:	Uintah, UT				Days:	1		Drilled from:	0
Location:	Sec 27, T-10	S, R-19E			Rig:	DUCO		Footage:	0
Elevation:	13.11.				Supervisor:	Brown			
			BIT DA	·TΑ				COST DATA (L	(S\$)
Bit #	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
	12 1/4		l	İ			Location		\$0
							Rig move		\$0
Bit #	ln	Out	Feet	Hours	WOB	RPM	Rig	\$2,500	\$2,500
			-				Fuel		\$0
		1					Camper		\$0
			PUMP D	ATA			BOPE		\$0
Pump#	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$0
,							Air Equip	\$2,000	\$2,000
							Equip rental	\$250	\$250
							Mud		\$0
				0.10			Mud Logger		\$0
			SURVEY	DATA			Trucking	\$2,000	\$2,000
Depth	Deviation	Direction	Depth	Deviation	Direction	<u> </u>	Water	\$500	\$500
			Боран	Bondion	Zii GOR(GI)		Labor	4000	\$0
							Supervision		\$0
							Core/DST		\$0
	1	l .	MUD DA	TA.	I		Logs		\$0 \$0
\\(\lambda\)	Visc	ΥP	PV	1	WL	Colo			\$0 \$0
Weight	VISC	1.5	FV	Gels	) VVL	Cake	Cement		
0/ 0:1	0/ \\/	O/ Callala		0-	01	LOM	Fishing	0450	\$0
% Oil	% Water	% Solids	pН	Ca	CI	LCM	Misc	\$150	\$150
							Casing		\$0
	DATA-DRILL				A-DRILLING	T	Tubing		\$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$0
							Wellhead		\$0
				***************************************	000000000000000000000000000000000000000		TOTAL	\$7,400	\$7,400
					uel Usage	I .			
Dia EnaTuna	Model	HP	Fuel Type	Gallons Used	Pump Eng Type	Model	HP	Gallor	ns Used
Rig EngType						1			
Detroit Detroit	Series 50	380	Diesel	10	Detroit	Series 50/Diesel	380		
				10 Pump Eng	Detroit 0	1	380		
Detroit	Series 50	380	Diesel	10 Pump Eng	Detroit 0 FRIBUTION	Series 50/Diesel Ttl Rig & Pump	380		
Detroit Hours	Series 50 Total Gals	380 Rig Eng	Diesel 10	10 Pump Eng	Detroit 0	Series 50/Diesel Ttl Rig & Pump	380		
Detroit	Series 50 Total Gals  Rode rig from	380 Rig Eng	Diesel 10 MIRUPU.	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation	Series 50/Diesel Ttl Rig & Pump	380		
Detroit Hours	Series 50 Total Gals  Rode rig from Spot all supp	380 Rig Eng the 109-35. I	Diesel 10 MIRUPU.	10 Pump Eng	Detroit 0 FRIBUTION Operation	Series 50/Diesel Ttl Rig & Pump	380		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure location	380 Rig Eng the 109-35. It ort equipment on. SDFD.	Diesel 10 MIRUPU.	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation	Series 50/Diesel Ttl Rig & Pump	380		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp	380 Rig Eng the 109-35. It ort equipment on. SDFD.	Diesel 10 MIRUPU.	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation	Series 50/Diesel Ttl Rig & Pump	380		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30 14:30-16:00	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30 14:30-16:00	Series 50 Total Gals  Rode rig from Spot all supp Secure locati Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30 14:30-16:00	Series 50 Total Gals  Rode rig from Spot all suppp Secure locatil Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30 14:30-16:00	Series 50 Total Gals  Rode rig from Spot all suppp Secure locatil Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TiME DIS  e up all flow back kend to lower pre	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30 14:30-16:00	Series 50 Total Gals  Rode rig from Spot all suppp Secure locatil Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TiME DIS  e up all flow back kend to lower pre	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30 14:30-16:00	Series 50 Total Gals  Rode rig from Spot all suppp Secure locatil Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TiME DIS  e up all flow back kend to lower pre	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30	Series 50 Total Gals  Rode rig from Spot all suppp Secure locatil Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TiME DIS  e up all flow back kend to lower pre	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30 14:30-16:00	Series 50 Total Gals  Rode rig from Spot all suppp Secure locatil Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TiME DIS  e up all flow back kend to lower pre	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		
Hours 8:30-14:30 14:30-16:00	Series 50 Total Gals  Rode rig from Spot all suppp Secure locatil Crew travel to	380 Rig Eng a the 109-35. I ort equipment on. SDFD.	Diesel 10 MIRUPU. . Lay and nippl	10 Pump Eng TiME DIS  e up all flow back kend to lower pre	Detroit 0 FRIBUTION Operation Ilines.	Series 50/Diesel Ttl Rig & Pump	380 10		

Well:	OSCU11 12		KOCHEXP	LORATION C	O LLC DAILY Date:	DRILLING RE	PORT	Drilled to:	
County/ST:	Uintah, UT	7 41	<u></u>		Date:	2			0
Location:	Sec 27, T-10	08 R-19F			Rig:	DUCO		Footage:	0
Elevation:	0				Supervisor:	Brown			
			BIT DA	TΑ				COST DATA (L	SS)
Bit #	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
							Location		\$0
							Rig move		\$0
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$4,115	\$6,615
							Fuel	\$120	\$120
							Camper		\$0
			PUMP D	ATA			BOPE		\$0
Pump#	Make	Model	Liner	SPM	Rate	Pressure	Bits	\$1,901	\$1,901
0	0	0	0	0			Air Equip		\$2,000
0	0	0	0	0			Equip rental	\$250	\$500
0	0	0	0	0			Mud		\$0
0	0	0	· 0	0			Mud Logger		\$0
			SURVEY	DATA			Trucking	\$675	\$2,675
Depth	Deviation	Direction	Depth	Deviation	Direction		Water	\$1,342	\$1,842
							Labor		\$0
							Supervision	\$1,100	\$1,100
							Core/DST		\$0
			עם מטא	ATA			Logs		\$0
Weight	Visc	YP	PV	Gels	WL	Cake	Cement		\$0
							Fishing		\$0
% Oil	% Water	% Solids	Нq	Ca	CI	LCM	Misc	\$150	\$300
			•		:		Casing		\$0
AIR	DATA-DRILL	NG		GAS DAT	A-DRILLING		Tubing		\$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods	·	\$0
-						•	Wellhead		\$0
							TOTAL	\$9,653	\$17,053
				F	uel Usage				
Rig EngType	Model	· HP	Fuel Type	Gallons Used	Pump Eng Type	Model	HP	Gallo	ns Úsed
Detroit	Series 50	380	Diesel		Detroit	Series 50/Diesel	380		
	Total Gals	Rig Eng	30	Pump Eng	0	Ttl Rig & Pump	30		
				TIME DIS	TRIBUTION				
Hours		ı			Operation				
0700-1300	discontinue p	roduction to sa	ales, kill well wi	th 15 bbl 2% KCL	down tubing, 40	bbl 2% KCL down	casing. Rig up t	to POOH w/SLM	, pipe sticking
	r					vy scale on tubing			
						l of 968 ft of scale			, seat
	nipple, notch	ed collar, total	SLM 6272 KE	BM. Cull four joints	s, partially plugge	d tubing. Well tur	ned to production	on. SDON	
BHA DATA:	****								
OPERATION @	6 AM:		000000000000000000000000000000000000000						
				, s	EMARKS:				

Well: County/ST: Location: Elevation: Bit #  Bit #	OSCU11 12 Uintah, UT Sec 27, T-10 0 Size				Date: Days:	1/17/2012		Drilled to:	
Location: Elevation: Bit # Bit #	Sec 27, T-10 0				Davas				
Elevation:  Bit #  Bit #	0 Size		n.		Days.	3		Drilled from:	0
Bit #	Size	Make			Rig:	DUCO		Footage:	0
Bit#		Make	DITE BY		Supervisor:	Brown			
Bit #		Make	O DITTO	ŒΑ				COST DATA (L	IS\$)
	ln		Туре	Serial #	Jets	Cond		Daily	Cumulative
	ln In						Location		
	ln						Rig move		
Pump#		Out	Feet	Hours	WOB	RPM	Rig	\$4,760	\$11,
Pump#							Fuel		\$
Pump#							Camper		
Pump#			PUMP D	ATA			BOPE		
	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$1,5
0	0	0	0	0		""	Air Equip		\$2,6
	0	0	0	0			Equip rental	\$250	\$7
0	0	0	0	0			Mud		
0	0	0	0	0			Mud Logger		
			SURVEY	DATA			Trucking	1	\$2,0
Depth	Deviation	Direction	Depth	Deviation	Direction		Water		\$1,8
,	1					1	Labor		ΨΙ,
	<u> </u>			•	-		Supervision	\$1,100	\$2,2
					·	<del> </del>	Core/DST	ψ1,100	Ψ4,4
	1		MUD DA	ΤΔ	1	<u>.</u>	Logs		** *
Weight	Visc	ΥP	PV	Gels	WL	Calca			
vveignt	V 150	'.'		Geis	000	Cake	Cement	<del>                                     </del>	
% Oil	% Water	% Colida	nU			LOM	Fishing	0450	*
76 OII	% vvater	% Solids	рH	Ca	CI	LCM	Misc	\$150	\$∠
							Casing		
	DATA-DRILL		<u> </u>		A-DRILLING	T	Tubing		
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		
			ļ				Wellhead		
		***************************************					TOTAL	\$6,260	\$23,3
					Fuel Usage				
Rig EngType		· HP	Fuel Type	Gallons Used	Pump Eng Type	Model	HP	Gallo	ns Used
Detroit	Series 50	380	Diesel		Detroit	Series 50/Diesel	380		
***************************************	Total Gals	Rig Eng	30	Pump Eng	0	Ttl Rig & Pump	30		
	,			TIME DIS	TRIBUTION				
Hours	ļ				Operation				
0700-08:30	Hold AM safe	ty meeting. 25	50 PSI on well,	, blow down well	. Kill well with 40 i	bbl 2%KCL. Make	up 3 7/8 varel	bit, xover, kill we	ell with
	additional 50								
8:30- 12:30	RIH to 5150,	work string ta	king weight at	5150 KBM. Ice p	lugs in tubing ma	king progress slov	v. Almand heat	er not functionin	g properly.
2:30-1500					ft. of scale cleane				
500-16:30	POOH lay do	wn nine joints	s, kill well to re	trieve string float	, drain up pump, li	ines, etc. Shut we	ell in. SDON		
01/17/12	Scale sample	s to NALCO f	or analysis.						
	٠ .					••••			
	<u> </u>								
				*******					
				<del></del>					
:									
HA DATA									
HA DATA									
	S AM:								
HA DATA PERATION 色	SAM:			F	EMARKS:				
	S AM:			j	EMARKS:				
	S AM:			f	REMARKS:				
	S AM:			f	EMARKS:				
	S AM:			f	EMARKS:				
	S AM:			f	REMARKS:				

Vell:	OSCU11 124	-27			Date:	1/18/2012		Drilled to:	
County/ST:	Uintah, UT				Days:	4		Drilled from: (	
ocation:	Sec 27, T-10	S, R-19E			Rig:	DUCO		Footage: (	)
levation:	0				Supervisor:	Brown			*******************************
	T	T	BIT DA	1	T			COST DATA (US	
Bit #	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
	<u> </u>						Location		
					<u> </u>		Rig move		
Bit #	<u>In</u>	Out	Feet	Hours	WOB	RPM	Rig	\$4,805	\$16,1
							Fuel		\$1
							Camper	ļ	
<b>D</b>	14.1.		PUMP D	1	T	Τ _	BOPE	-	
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$1,9
0	0	0	0	0			Air Equip	\$8,115	\$10,1
0	0	0	0	0			Equip rental	\$250	\$1,0
0	0	0	0	0			Mud	-	
0	0	0	0 SURVEY:	0		1	Mud Logger	1	
D	Daviation	Discotion	1		Discotion.	l	Trucking	ļ	\$2,6
Depth	Deviation	Direction	Depth	Deviation	Direction		Water	-	\$1,8
	-						Labor	\$4.40C	\$2.2
						<u> </u>	Supervision Core/DST	\$1,100	\$3,3
			MUD DA	 		I	4	+	
Weight	Visc	ΥP	PV	1	10//	Cake	Logs		
vveigni	VISC	17	FV	Gels	WL	Cake	Cement		
% Oil	% Water	% Solids	Hq	Ca	CI	LCM	Fishing Misc	6150	¢e:
70 OII	70 VValei	70 Solius	рп	Ca	Ci	LCIVI		\$150	\$6
Als	DATA-DRILLI	NIC		CASOAT	A-DRILLING		Casing		:
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Tubing Rods		
VII I/VIIA	Foam Nate	roam wix	Debili	гіаге	Duration	Operation	Wellhead		
							TOTAL	\$14,420	¢27 7
	L				uel Usage	1	I IOIAL	314,4201	\$37,73
ig EngType	Model	HP	Fuel Type		Pump Eng Type	Model	HP	Gallon	s Used
etroit	Series 50	380	Diesel		Detroit	Series 50/Diesel		Ganon	<del>5                                    </del>
	Total Gals	Rig Eng	40	Pump Eng	0	Ttl Rig & Pump			
					TRIBUTION				
		CALCULATION FOR THE TOTAL PROPERTY.			Operation				
Hours				blow down well	Kill well w/20 bbl	s of 2% down TB	2		
	Hold safety m	eeting, CSG 5	500, TBG 300,	DIOW GOVERN WON.			<b>.</b>		
07:00-08:30	Hold safety m			DIOW GOVERN WORL			<u>.                                    </u>		
07:00-08:30 08:30-10:30	RIH to 7977 K	B, circulate w	ell clean.			5 01 275 down 1 1 5	<b>9</b>		
07:00-08:30 08:30-10:30		B, circulate w B, rig up swiv	/ell clean. /el, establish ci	rculation.					
7:00-08:30 8:30-10:30 0:30-12:00	RIH to 7977 k RIH to 9022 k Drill from 9022	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 0:30-12:00 2:00-16:00	RIH to 7977 k RIH to 9022 k Drill from 9022	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack		OOH to 8532 KB.		ain up service eq	uipment
7:00-08:30 8:30-10:30 0:30-12:00 2:00-16:00	RIH to 7977 k RIH to 9022 k Drill from 9022 Shut down cle	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 0:30-12:00 2:00-16:00	RIH to 7977 k RIH to 9022 k Drill from 9022 Shut down cle	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 0:30-12:00 1:00-16:00	RIH to 7977 k RIH to 9022 k Drill from 9022 Shut down cle	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 0:30-12:00 2:00-16:00	RIH to 7977 k RIH to 9022 k Drill from 9022 Shut down cle	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 0:30-12:00 1:00-16:00	RIH to 7977 k RIH to 9022 k Drill from 9022 Shut down cle	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 :30-12:00 :00-16:00	RIH to 7977 k RIH to 9022 k Drill from 9022 Shut down cle	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 :30-12:00 :00-16:00	RIH to 7977 k RIH to 9022 k Drill from 9022 Shut down cle	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 :30-12:00 :00-16:00	RIH to 7977 k RIH to 9022 k Drill from 9022 Shut down cle	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 0:30-12:00 ::00-16:00	RIH to 7977 k RIH to 9022 k Drill from 9022 Shut down cle	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 :30-12:00 :00-16:00	RIH to 7977 k RIH to 9022 k Drill from 9022 Shut down cle	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 :30-12:00 :00-16:00	RIH to 7977 k RIH to 9022 k Drill from 9022 Shut down cle	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 :30-12:00 :00-16:00 :00-17:00	RIH to 7977 k RIH to 9022 k Drill from 9022 Shut down cle	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 :30-12:00 :00-16:00 :00-17:00	RIH to 7977 k RIH to 9022 k Drill from 9022 Shut down cle	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 :30-12:00 :00-16:00 :00-17:00	RIH to 7977 k RIH to 9022 k Drill from 902: Shut down cle SDON	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack				ain up service eq	uipment
7:00-08:30 8:30-10:30 0:30-12:00 1:00-16:00	RIH to 7977 k RIH to 9022 k Drill from 902: Shut down cle SDON	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack th 20 bbls 2%, rig	g down swivel, Po			ain up service eq	uipment
7:00-08:30 8:30-10:30 :30-12:00 :00-16:00 :00-17:00	RIH to 7977 k RIH to 9022 k Drill from 902: Shut down cle SDON	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack th 20 bbls 2%, rig				ain up service eq	uipment
7:00-08:30 8:30-10:30 :30-12:00 :00-16:00 :00-17:00	RIH to 7977 k RIH to 9022 k Drill from 902: Shut down cle SDON	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack th 20 bbls 2%, rig	g down swivel, Po			ain up service eq	uipment
7:00-08:30 9:30-10:30 :30-12:00 :00-16:00 :00-17:00	RIH to 7977 k RIH to 9022 k Drill from 902: Shut down cle SDON	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack th 20 bbls 2%, rig	g down swivel, Po			ain up service eq	uipment
7:00-08:30 3:30-10:30 30-12:00 00-16:00 00-17:00 A DATA:	RIH to 7977 k RIH to 9022 k Drill from 902: Shut down cle SDON	KB, circulate w KB, rig up swiv 2 to 9183 KB,	ell clean. el, establish ci appears to be	rculation. sand pack th 20 bbls 2%, rig	g down swivel, Po			ain up service eq	uipment

Well:	OSCU11 12		INCOMPLEASE	#410411101110	O LLC DAILY			Drillad tax	
		4-21			Date:	1/19/2012		Drilled to:	
County/ST:	Uintah, UT	NO D 405			Days:	5			0
ocation:	Sec 27, T-10	15, K-18E			Rig:	DUCO		Footage:	0
ievation.	U		OUT DA	TA	Supervisor:	Brown		OCCT DATA	6.5
D1.4		14-1	BIT DA	7	1.6.			COST DATA (L	
Bit #	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
	1				1		Location		;
D4.4	1	-	F4		14/00	2014	Rig move	24700	****
Bit #	ln .	Out	Feet	Hours	WOB	RPM	Rig	\$4,708	\$20,8
	1			-	-		Fuel	-	\$1:
	 	<u> </u>	]		<u> </u>	<u> </u>	Camper	-	
D #	B.AL	Ballatat	PUMP D	T	Б.	l –	BOPE	<del></del>	*4.0
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits	24 427	\$1,9
0	0	0	0	0			Air Equip	\$4,497	\$14,6
0	0	0	0	0			Equip rental	\$250	\$1,2
0.	0	0	0	0			Mud		
0	0	0	0	0			Mud Logger		
<b></b>	T 5 : .:		SURVEY		T	I	Trucking		\$2,67
Depth	Deviation	Direction	Depth	Deviation	Direction	1	Water		\$1,84
					1	<u> </u>	Labor		
	<u> </u>						Supervision	\$1,100	\$4,40
	<u> </u>						Core/DST		
14.	T		MUD DA		T		Logs		
Weight	Visc	ΥP	PV	Gels	WL	Cake	Cement	ļ	3
							Fishing		(
% Oil	% Water	% Solids	pН	Ca	CI	LCM	Misc	\$150	\$75
V0000000000000000000000000000000000000			internitario de la constanta d	***************************************			Casing		
	DATA-DRILL			GAS DAT	A-DRILLING		Tubing		
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		
							Wellhead		
				i			TOTAL	\$10,705	\$48,43
da concederate de la concederación de la conce		Secretaria de la composición dela composición de la composición de la composición dela composición dela composición dela composición de la composición dela composición de la composición de la composición de la composición del composición dela composició	connected the relative block of the relative				TOTAL	410,700	φ40,45
					uel Usage		IOTAL	1 \$10,703	φ40,40
Rig EngType		HP	Fuel Type	Gallons Used	uel Usage Pump Eng Type	Model	HP		ns Used
	Series 50	380	Diesel	Gallons Used 50	Pump Eng Type Detroit	Model Series 50/Diesel	HP		
				Gallons Used 50 Pump Eng	Pump Eng Type Detroit 0		<b>HP</b> 380		
	Series 50	380	Diesel	Gallons Used 50 Pump Eng	Pump Eng Type Detroit	Series 50/Diesel	<b>HP</b> 380		
Rig EngType Detroit Hours	Series 50 Total Gals	380 Rig Eng	Diesel 0	Gallons Used 50 Pump Eng TIME DIS	Pump Eng Type Detroit 0 TRIBUTION Operation	Series 50/Diesel Ttl Rig & Pump	<b>HP</b> 380		
Hours 07:00-08:00	Series 50 Total Gals  Safety Meetin	380 Rig Eng ng. CSG 650 F	Diesel 0	Gallons Used 50 Pump Eng TIME DIS	Pump Eng Type Detroit 0 TRIBUTION Operation own, we did not no	Series 50/Diesel Ttl Rig & Pump sed to kill well.	HP 380 0	Gallo	ns Used
Hours 07:00-08:00	Series 50 Total Gals  Safety Meetin	380 Rig Eng ng. CSG 650 F	Diesel 0	Gallons Used 50 Pump Eng TIME DIS	Pump Eng Type Detroit 0 TRIBUTION Operation	Series 50/Diesel Ttl Rig & Pump sed to kill well.	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 08:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at	380 Rig Eng ng. CSG 650 F 9173 KB, tota	Diesel  0  PSI, TBG 300 al 10 ft of fill fro	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well dom previous day of	Pump Eng Type Detroit 0 TRIBUTION Operation own, we did not no	Series 50/Diesel Ttl Rig & Pump eed to kill well. swivel and foam u	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 08:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Pump Eng Type Detroit 0 TRIBUTION Operation own, we did not not lean out. Rig up s	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 08:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 08:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 08:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 08:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 08:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 08:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 08:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 08:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 97:00-08:00 88:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 17:00-08:00 18:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 17:00-08:00 18:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 17:00-08:00 18:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 17:00-08:00 18:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 97:00-08:00 88:00-15:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 97:00-08:00 18:00-15:30 5:30-16:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 18:00-15:30 5:30-16:30	Series 50 Total Gals  Safety Meetir RIH tag fill at To 9798 KB,	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 08:00-15:30 5:30-16:30	Series 50 Total Gals Safety Meetir RIH tag fill at To 9798 KB, Circulate wel	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 08:00-15:30 5:30-16:30	Series 50 Total Gals Safety Meetir RIH tag fill at To 9798 KB, Circulate wel	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of e cleaned out. The shut well in, drain	Pump Eng Type Detroit 0 TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle up foam unit, pur	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 08:00-15:30 5:30-16:30	Series 50 Total Gals Safety Meetir RIH tag fill at To 9798 KB, Circulate wel	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of e cleaned out. The shut well in, drain	Detroit  O TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 07:00-08:00 08:00-15:30 5:30-16:30	Series 50 Total Gals Safety Meetir RIH tag fill at To 9798 KB, Circulate wel	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of e cleaned out. The shut well in, drain	Pump Eng Type Detroit 0 TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle up foam unit, pur	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 97:00-08:00 18:00-15:30 5:30-16:30	Series 50 Total Gals Safety Meetir RIH tag fill at To 9798 KB, Circulate wel	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of e cleaned out. The shut well in, drain	Pump Eng Type Detroit 0 TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle up foam unit, pur	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 7:00-08:00 8:00-15:30 :30-16:30	Series 50 Total Gals Safety Meetir RIH tag fill at To 9798 KB, Circulate wel	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of e cleaned out. The shut well in, drain	Pump Eng Type Detroit 0 TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle up foam unit, pur	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used
Hours 7:00-08:00 8:00-15:30 :30-16:30	Series 50 Total Gals Safety Meetir RIH tag fill at To 9798 KB, Circulate wel	380 Rig Eng ng. CSG 650 F 9173 KB, tota total 625 ft of	Diesel  0  PSI, TBG 300 al 10 ft of fill fro sand and scale	Gallons Used 50 Pump Eng TIME DIS  PSI, blow well do m previous day of e cleaned out. The shut well in, drain	Pump Eng Type Detroit 0 TRIBUTION Operation own, we did not not lean out. Rig up sere is 337 ft to cle up foam unit, pur	Series 50/Diesel Til Rig & Pump eed to kill well. swivel and foam u an out to PBTD a	HP 380 0	Gallo	ns Used

			<b>KOCH EXP</b>	LORATION C	O LLC DAILY	DRILLING RE	PORT		
Well:	OSCU11 12		*******************		Date:	1/20/2012		Drilled to:	
County/ST:	Uintah, UT	141			Days:	6		Drilled from:	0
Location:	Sec 27, T-10	1S. R-19F			Rig:	DUCO		Footage:	0
Elevation:	0	70111102			Supervisor:	Brown		r cotage.	<u> </u>
			BIT DA	тα	Capernicor	<u> Diomi</u>		COST DATA (L	ee)
Bit #	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
Dit #	- Oleo	Wiene	1,756	Oenai #	0013		Location	Daily	\$(
	<del>                                     </del>	-			<del> </del>				\$(
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig move	\$4,315	\$25,200
DIL #		- Out	Leer	nous	VVOB	KEN	Rig Fuel	94,313	
	<u> </u>	-	-		<del>  .</del>		· · · · · · · · · · · · · · · · · · ·		\$120
	L	1			1		Camper		\$(
D #	3.8-1	NA - 1-1	PUMPD	1	T 5.4	Ι -	BOPE		\$(
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits	20.744	\$1,90
0	0	0	0	0		-	Air Equip	\$3,741	\$18,353
0	0	0	0	0			Equip rental	\$250	\$1,500
0	0	0	0	0		-	Mud		\$0
0	0	0	<u> </u>	0			Mud Logger		\$(
	1	,	SURVEY	<del></del>		<del></del>	Trucking		\$2,675
Depth	Deviation	Direction	Depth	Deviation	Direction	<b></b>	Water		\$1,842
				ļ			Labor	1.	\$0
	ļ ·					_	Supervision	\$1,100	\$5,500
	200000000000000000000000000000000000000						Core/DST		\$0
			MUD DA	ATA			Logs		\$C
Weight	Visc	YP	PV	Gels	WL	Cake	Cement		\$0
							Fishing		\$0
% Oil	% Water	% Solids	pН	Ca	CI	LCM	Misc	\$150	\$900
							Casing		\$0
AIR	DATA-DRILL	ING		GAS DAT	A-DRILLING		Tubing		\$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$0
							Wellhead		\$0
							TOTAL	\$9,556	\$57,994
					uel Usage		IOTAL	φο,σοση	Ψ01,004
Rig EngType	Model	HP	Fuel Type		Pump Eng Type	Model	HP	Gallor	ns Used
Detroit	Series 50	380	Diesel	40	Detroit	Series 50/Diesel		Gailtí	is Used
2011011	Total Gals	Rig Eng	40	Pump Eng	0	Tti Rig & Pump			
	Total Gais	ING LIG			TRIBUTION	III NIG & FUITIO	40	ı	
Hours				······································	Operation				******************************
	Safety meetir	a CSG pros		TDC 350 DQL bla	•		all .	-	
						not need to kill we Rig up foam unit, s		t cand and cools	frama
07.50-15.00									
			to get below s		sand cleaned out				
	l		dealer on the ex-		NKI .	today 183 ft. Circ	ulate well clean	, POOH 10 600C	, II,
	l		drain up lines,	snut well in SDC	N	today 183 π. Circ	ulate well clean	, POOH 10 800C	
	l		drain up lines,	Shut Well in SDC	<u>N</u>	today 183 ft. Circ	ulate well clean	, POOH to 8000	
	l		drain up lines,	shut well in SDC	DN	today 183 ft. Circ	ulate Well Clean	, POOR to 8000	
	l	n unit, swivel,	drain up lines,	shut well in SDC	DN	today 183 ft. Circ	ulate well clean	, POOR 10 8000	
	l		drain up lines,	shut well in SDC	DN	today 183 ft. Circ	ulate well clean	, POON 10 800C	, II,
	l	n unit, swivel,	drain up lines,	snut weil in SDC	DN	today 183 ft. Circ	ulate well clean	, POOR 10 800C	
	l	n unit, swivel,	drain up lines,	snut weil in SDC	DN	today 183 ft. Circ	ulate well clean	, POON 10 800C	
	l	n unit, swivel,	drain up lines,	snut weil in SDC	DN	today 183 ft. Circ	ulate Well Clean	, POON 10 800C	
	l	n unit, swivel,	drain up lines,	snut weil in SDC	DN	today 183 ft. Circ	ulate Well Clean	, POON 10 800C	, II,
	l	n unit, swivel,	drain up lines,	snut weil in SDC	DN	today 183 ft. Circ	ulate Well Clean	, POON 10 800C	, II,
	l	n unit, swivel,	drain up lines,	snut weil in SDC	DN	today 183 ft. Circ	uiate weii ciean	, POON 10 800C	, II,
	l	n unit, swivel,	drain up lines,	snut weil in SDC	DN	today 183 ft. Circ	ulate Well Clean	, POON 10 800C	, II,
	l	n unit, swivel,	drain up lines,	snut weil in SDC	DN	today 183 ft. Circ	ulate Well Clean	, POON 10 800C	, II,
	rig down foar	n unit, swivel,	drain up lines,	snut weil in SDC	DN	today 183 ft. Circ	ulate Well Clean	, POON 10 800C	
	rig down foar	n unit, swivel,	drain up lines,	Shut Well In SDC	DN	today 183 ft. Circ	uiate weii ciean	, POON 10 800C	
	rig down foar	n unit, swivel,	drain up lines,	Shut Well In SDC	DN	today 183 ft. Circ	uiate Well Clean	, POON 10 000C	
	rig down foar	n unit, swivel,	drain up lines,	Shut Well In SDC	DN	today 183 ft. Circ	ulate Well Clean	, POON 10 800C	
BHA DATA	rig down foar	n unit, swivel,	drain up lines,	Shut Well In SDC	DN	today 183 ft. Circ	ulate Well Clean	, FOON 10 800C	
	rig down foar	n unit, swivel,	drain up lines,			today 183 ft. Circ	ulate Well Clean	, FOON 16 800C	
BHA DATA	rig down foar	n unit, swivel,	drain up lines,		DN  REMARKS:	today 183 ft. Circ	ulate Well Clean	, FOON 16 800C	
BHA DATA	rig down foar	n unit, swivel,	drain up lines,			today 183 ft. Circ	ulate Well Clean	, FOUN 16 800C	
SHA DATA	rig down foar	n unit, swivel,	drain up lines,			today 183 ft. Circ	ulate Well Clean	, POON 16 800C	
SHA DATA	rig down foar	n unit, swivel,	drain up lines,			today 183 ft. Circ	ulate Well Clean	, FOUN 16 800C	
SHA DATA	rig down foar	n unit, swivel,	drain up lines,			today 183 ft. Circ	ulate Well Clean	, POUN 16 800C	
SHA DATA	rig down foar	n unit, swivel,	drain up lines,			today 183 ft. Circ	ulate Well Clean	, POUN 16 800C	

Well:	00011111	4.0=				DRILLING RE		<b>**</b> *** * * *	
	OSCU11 12	4-27			Date:	1/23/2012		Drilled to:	
County/ST:	Uintah, UT				Days:	7		Drilled from:	0
ocation:	Sec 27, T-10	S, R-19E			Rig:	DUCO		Footage:	0
levation:	0				Supervisor:	Brown			
			BIT DA	TA				COST DATA (U	3\$)
Bit#	Size	Make	Туре	Seriał #	Jets	Cond		Daily	Cumulative
			i				Location		
							Rig move		
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$4,370	\$29,5
							Fuel	1 ,,,,,,,	\$1
	ļ						Camper		
	1	<u> </u>	PUMPD	A TOA		1	BOPE	<del>                                     </del>	·
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits	<del>  </del>	\$1,9
0			0	<del></del>	Nate	Liesznie	· · · · · · · · · · · · · · · · · · ·	62 603	
	0	0		0			Air Equip	\$3,683	\$22,0
0	0	0	0	0			Equip rental	\$250	\$1,7
0	0	0	0	0			Mud	<u> </u>	
0	0	0	0	0		001000000000000000000000000000000000000	Mud Logger		
			SURVEY	DATA			Trucking		\$2,6
Depth	Deviation	Direction	Depth	Deviation	Direction		Water	\$6,661	\$8,50
							Labor		. ;
							Supervision	\$1,100	\$6,60
•							Core/DST		
			אם מטוא	TΑ			Logs		
Weight	Visc	ΥP	PV	Gels	WL	Cake	Cement	†	(
***************************************	1.00		' '	00.0		Gallo	Fishing	<del> </del>	
% Oil	% Water	% Calide	"LU	<u> </u>	CI	LCM	1	9150	
70 OII	70 VValei	% Solids	рH	Ca	<u> </u>	LCM	Misc	\$150	\$1,05
	<u> </u>		630000000000000000000000000000000000000				Casing	<del> </del>	
	DATA-DRILL				A-DRILLING		Tubing		
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		•
							Wellhead		
							TOTAL	\$16,214	\$74,20
				F	uel Usage				
Rig EngType	Model	HP	Fuel Type	Galions Used	Pump Eng Typ	e Model	HP	Gallor	s Used
								1	
	Series 50	380	Diesel		Detroit	Series 50/Diesel	380		
			Diesel 40	Pump Eng	Detroit 0	1			
	Series 50	380 Rig Eng		Pump Eng TIME DIS	0	Series 50/Diesel			
Detroit	Series 50				0 TRIBUTION	Ttl Rig & Pump			
Detroit Hours	Series 50 Total Gals	Rig Eng	40	TIME DIS	0	Ttl Rig & Pump			
Hours 07:00-08:00	Series 50 Total Gals  Hold Safety M	Rig Eng	40 PSI 250, blow	TIME DIS well down.	0 TRIBUTION Operatio	Tt! Rig & Pump	40	le Clean out to	2050
Hours 07:00-08:00	Series 50 Total Gals  Hold Safety N RIH from 800	Rig Eng Meeting. CSG 0 ft to 9888 K	40 PSI 250, blow BM, total 62 ft	TIME DIS well down.	0 TRIBUTION Operatio	Ttl Rig & Pump	40	ile. Clean out to s	9950
Hours 07:00-08:00 08:00-12:00	Series 50 Total Gals  Hold Safety ii RIH from 800 KBM, circulat	Rig Eng Meeting, CSG Off to 9888 K	40 PSI 250, blow BM, total 62 ft	TIME DIS well down. of fill. Rig up swi	0 FRIBUTION Operatio	Ttl Rig & Pump  n  uipment to clean o	40 ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00	Series 50 Total Gals  Hold Safety N RIH from 800 KBM, circular Discontinue of	Rig Eng Meeting. CSG Oft to 9888 K te well clean	40 PSI 250, blow BM, total 62 ft	well down. of fill. Rig up swi	0 FRIBUTION Operatio vel and foam equipment, lay o	Ttl Rig & Pump  n  sipment to clean of the close of the c	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00	Series 50 Total Gals  Hold Safety N RIH from 800 KBM, circular Discontinue of	Rig Eng Meeting. CSG Oft to 9888 K te well clean	40 PSI 250, blow BM, total 62 ft	well down. of fill. Rig up swi	0 FRIBUTION Operatio vel and foam equipment, lay o	Ttl Rig & Pump	40  ut sand and sca		9950
Hours 07:00-08:00	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circular Discontinue of	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	TIME DIS well down. of fill. Rig up swi swivel and foam to return to sales	O FRIBUTION Operatio vel and foam equipment, lay o overnight. Turn v	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circular Discontinue of	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi	O FRIBUTION Operatio vel and foam equipment, lay o overnight. Turn v	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circular Discontinue of	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	TIME DIS well down. of fill. Rig up swi swivel and foam to return to sales	O FRIBUTION Operatio vel and foam equipment, lay o overnight. Turn v	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circular Discontinue of	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	TIME DIS well down. of fill. Rig up swi swivel and foam to return to sales	O FRIBUTION Operatio vel and foam equipment, lay o overnight. Turn v	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circular Discontinue of	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay o overnight. Turn v	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
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Hours 07:00-08:00 08:00-12:00	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circular Discontinue of	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay o overnight. Turn v	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
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Hours 07:00-08:00 08:00-12:00	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circular Discontinue of	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay o overnight. Turn v	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circular Discontinue of	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay o overnight. Turn v	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circular Discontinue of	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay o overnight. Turn v	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00 2:00-13:30 3:30-16:30	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circular Discontinue of	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay o overnight. Turn v	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00 2:00-13:30 3:30-16:30	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circular Discontinue of	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay o overnight. Turn v	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circular Discontinue of	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay o overnight. Turn v	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00 2:00-13:30 3:30-16:30	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circulal Discontinue of Flow well to f	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay o overnight. Turn v	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00 2:00-13:30 3:30-16:30	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circulal Discontinue of Flow well to f	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay o overnight. Turn v	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00 2:00-13:30 3:30-16:30	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circulal Discontinue of Flow well to f	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay overnight. Turn verscale problem	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00 2:00-13:30 3:30-16:30	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circulal Discontinue of Flow well to f	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay overnight. Turn verscale problem	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 07:00-08:00 08:00-12:00 2:00-13:30 3:30-16:30	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circulal Discontinue of Flow well to f	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay overnight. Turn verscale problem	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950
Hours 17:00-08:00 18:00-12:00 2:00-13:30 3:30-16:30	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circulal Discontinue of Flow well to f	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay overnight. Turn verscale problem	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		0950
Hours 07:00-08:00 08:00-12:00 2:00-13:30 3:30-16:30	Series 50 Total Gals  Hold Safety M RIH from 800 KBM, circulal Discontinue of Flow well to f	Rig Eng Meeting. CSG 10 ff to 9888 K te well clean clean out operation backtank,	PSI 250, blow (BM, total 62 ft ation, rig down clean well up	well down. of fill. Rig up swi swivel and foam to return to sales al treatment for the	O FRIBUTION Operatio vel and foam equipment, lay overnight. Turn verscale problem	Ttl Rig & Pump  n  uipment to clean of the clown 4 joints POC wells to sales at 16	40  ut sand and sca		9950

Vell:	OSCU11 12				Date:	DRILLING RE		Drilled to:	
County/ST:	Uintah, UT	7 27			Days:	8			0
ocation:	Sec 27, T-10	39 P-10E			Rig:	DUCO		Footage:	0
	0	75, K-18E						roolage.	
levation:			31+2:	4.0	Supervisor:	Brown		ocernista.	GA.
	T	T	BIT DA		Γ	T		COST DATA (L	
Bit #	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
	ļ						Location		
							Rig move		;
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$4,633	\$34,2
							Fuel		\$1:
	<u> </u>						Camper		
			PUMP D	ATA			BOPE		;
Pump#	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$1,9
0	0	0	0	0			Air Equip		\$22,0
0	0	0	0	0			Equip rental	\$250	\$2,00
0	0	0	0	0			Mud		
0	0	0	0	0		<u> </u>	Mud Logger		
	1		SURVEY	3	I	1	Trucking		\$2,6
Depth	Deviation	Direction	Depth	Deviation	Direction		Water		\$8,50
chrii	Political	PHECHOII	Debui	Deviation	Puedion		Labor		φο,υ(
		<u> </u>						64 400	
	<del>                                     </del>			-	1	<del> </del>	Supervision	\$1,100	\$7,70
	<u> </u>		<u> </u>	<u> </u>	<u> </u>	l	Core/DST		
	T	1	MUD DA		T		Logs		
Weight	Visc	YP	PV	Gels	WL	Cake	Cement		(
							Fishing		
% Oil	% Water	% Solids	рH	Ca	CI	LCM	Misc	\$150	\$1,20
							Casing		Ş
AIR	DATA-DRILL	ING		GAS DAT	A-DRILLING		Tubing		5
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$
							Wellhead		
								\$6 133	
					ual Heads		TOTAL	\$6,133	\$80,34
Dia EngTuno	Madal	UB	Fuel Tune		uel Usage	Model	TOTAL		\$80,34
Rig EngType		HP	Fuel Type		Pump Eng Type		TOTAL HP		
Rig EngType Detroit	Series 50	380	Diesel	Gallons Used	Pump Eng Type Detroit	Series 50/Diesel	HP 380		\$80,34
	<del></del>			Gallons Used Pump Eng	Pump Eng Type Detroit 0		HP 380		\$80,34
Detroit	Series 50	380	Diesel	Gallons Used Pump Eng	Pump Eng Type Detroit 0 TRIBUTION	Series 50/Diesel Ttl_Rig & Pump	HP 380		\$80,34
Detroit Hours	Series 50 Total Gals	380 Rig Eng	Diesel 40	Gallons Used Pump Eng TIME DIS	Pump Eng Type Detroit 0 TRIBUTION Operation	Series 50/Diesel Ttl Rig & Pump	TOTAL  HP  380  40	Gallo	\$80,34
Hours 07:00-08:00	Series 50 Total Gals  Safety Meetin	380 Rig Eng	Diesel 40 250, TBG 450.	Pump Eng TIME DIS Blow down well,	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubi	TOTAL  HP	Gallo Vn CSG.	\$80,34
Hours 07:00-08:00	Series 50 Total Gals  Safety Meetin	380 Rig Eng ng, AM CSG 2 rol well on trip	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS Blow down well, ut bit and xover.	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,34 ns Used
Hours 07:00-08:00	Series 50 Total Gals Safety Meetin POOH, contr	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS Blow down well, ut bit and xover.	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubi	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,34 ns Used
Hours 07:00-08:00	Series 50 Total Gals  Safety Meetin	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS Blow down well, ut bit and xover.	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,34 ns Used
Hours 07:00-08:00	Series 50 Total Gals Safety Meetin POOH, contr	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS Blow down well, ut bit and xover.	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,34 ns Used
Hours 07:00-08:00	Series 50 Total Gals Safety Meetin POOH, contr	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS Blow down well, ut bit and xover.	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,34 ns Used
Hours 07:00-08:00	Series 50 Total Gals Safety Meetin POOH, contr	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS Blow down well, ut bit and xover.	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,34 ns Used
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Hours 07:00-08:00	Series 50 Total Gals Safety Meetin POOH, contr	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS Blow down well, ut bit and xover.	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,3
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Hours 07:00-08:00	Series 50 Total Gals Safety Meetin POOH, contr	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS Blow down well, ut bit and xover.	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,3
Hours 07:00-08:00	Series 50 Total Gals Safety Meetin POOH, contr	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS Blow down well, ut bit and xover.	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,34
Hours 07:00-08:00 08:00-16:30	Series 50 Total Gals  Safety Meetir POOH, contr RIH tag sand it starts flowir	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS Blow down well, ut bit and xover.	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,34
Hours 07:00-08:00	Series 50 Total Gals  Safety Meetir POOH, contr RIH tag sand it starts flowir	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS Blow down well, ut bit and xover.	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,34 ns Used
Hours 07:00-08:00 08:00-16:30	Series 50 Total Gals  Safety Meetir POOH, contr RIH tag sand it starts flowir	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS Blow down well, ut bit and xover.	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,34
Hours 07:00-08:00 08:00-16:30	Series 50 Total Gals  Safety Meetir POOH, contr RIH tag sand it starts flowir	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS  Blow down well, ut bit and xover. ght. POOH to 696	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b Tubing tally on tri 00 KBM, well left	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,34
Hours 07:00-08:00 08:00-16:30	Series 50 Total Gals  Safety Meetir POOH, contr RIH tag sand it starts flowir	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS  Blow down well, ut bit and xover. ght. POOH to 696	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,34
Hours 07:00-08:00 08:00-16:30 HA DATA:	Series 50 Total Gals  Safety Meetir POOH, contr RIH tag sand it starts flowir	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS  Blow down well, ut bit and xover. ght. POOH to 696	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b Tubing tally on tri 00 KBM, well left	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,3
Hours 07:00-08:00 08:00-16:30 HA DATA:	Series 50 Total Gals  Safety Meetir POOH, contr RIH tag sand it starts flowir	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS  Blow down well, ut bit and xover. ght. POOH to 696	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b Tubing tally on tri 00 KBM, well left	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,3
Hours 07:00-08:00 18:00-16:30 HA:DATA:	Series 50 Total Gals  Safety Meetir POOH, contr RIH tag sand it starts flowir	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS  Blow down well, ut bit and xover. ght. POOH to 696	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b Tubing tally on tri 00 KBM, well left	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,3
Hours 7:00-08:00 8:00-16:30	Series 50 Total Gals  Safety Meetir POOH, contr RIH tag sand it starts flowir	380 Rig Eng ng, AM CSG 2 rol well on trip I at 9944 KBM	Diesel 40 250, TBG 450. OOH. Break o	Pump Eng TIME DIS  Blow down well, ut bit and xover. ght. POOH to 696	Pump Eng Type Detroit 0 TRIBUTION Operation kill well with 15 b Tubing tally on tri 00 KBM, well left	Series 50/Diesel Ttl Rig & Pump  bls 2% down tubic out of hole 9950	HP 380 40  ng, 20 bbls dow	Gallo vn CSG. o 3 7/8 bit and so	\$80,3

			KOCH EXP	LOKAHON C	O'LLO D'AILY	PRILLING KE	POKI		<u> </u>
Well:	OSCU11 124	4-27			Date:	1/25/2012		Drilled to:	
County/ST:	Uintah, UT				Days:	9		Drilled from:	0
Location:	Sec 27, T-10	S, R-19E			Rig:	DUCO			0
Elevation:	0				Supervisor:	Brown		•	
			BIT DA	TA				OST DATA (U	S\$)
Bit #	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
							Location		\$0
							Rig move		\$0
Bit #	ln	Out	Feet	Hours	WOB	RPM	Rig	\$4,680	\$38,886
							Fuel		\$120
							Camper		\$0
			PUMP D	ATA			BOPE		\$0
Pump#	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$1,901
0	0	0	0	0			Air Equip	\$3,530	\$25,566
0	0	0	0	0			Equip rental	\$250	\$2,250
0	0	0	0	0	-		Mud		\$0
0	0	0	0	0			Mud Logger		\$0
			SURVEY		T	T	Trucking		\$2,675
Depth	Deviation	Direction	Depth	Deviation	Direction		Water		\$8,503
	<u> </u>						Labor	64 400	\$0
	<u> </u>						Supervision	\$1,100	\$8,800
							Core/DST		\$0 ***
VA/alabé	\ \#	\/D	MUD DA		147	Cale	Logs		\$0
Weight	Visc	YP	PV	Gels	WL	Cake	Cement		\$0 \$0
9/ 0!	% Water	0/ Calida	m.L.I	<u> </u>	CI	LOM	Fishing	\$150	\$1,350
% Oil	% vvaler	% Solids	рН	Ca	CI	LCM	Misc	\$150	\$0 \$0
AID	I DATA-DRILL	MG		GAEDAT	A-DRILLING	1	Casing Tubing		\$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods	-	\$0 \$0
Air Nate	1 Oani Nate	I Vaili Wilk	Deptil	i laie	Bulation	Operation	Wellhead		\$0
							TOTAL	\$9,710	\$90,051
					uel Usage			95,710	Ψ30,001
		HP	Fuel Type		Pump Eng Type	Model	HP	Gallo	ns Used
Ria EnaType	i Wodei :	1 mr 1	ruelivoe i						
Rig EngType Detroit				Callotts Osed					13 0000
Rig EngType Detroit	Series 50 Total Gals	380	Diesel 40	Pump Eng	Detroit	Series 50/Diesel	380		To Occu
	Series 50		Diesel	Pump Eng	Detroit		380		
	Series 50	380	Diesel	Pump Eng	Detroit 0	Series 50/Diesel Ttl Rig & Pump	380		
Detroit Hours	Series 50 Total Gals	380 Rig Eng	Diesel 40	Pump Eng TIME GIS	Detroit 0 FRIBUTION	Series 50/Diesel Ttl Rig & Pump	380 40		
Detroit Hours	Series 50 Total Gals Safety Meetir	380 Rig Eng	Diesel 40 ure 200 PSI, Ti	Pump Eng TIME DIS	Detroit 0 FRIBUTION Operation	Series 50/Diesel Ttl Rig & Pump wn, kill well with	380 40 20 bbls down tu	bing, 30 bbls do	own casing
Hours 07:00-08:00	Series 50 Total Gals  Safety Meetin	380 Rig Eng ng. Csg pressi	Diesel 40 ure 200 PSI, Ti r, control well o	Pump Eng TIME DIS bg pressure 500 in trip OOH. Brea	Detroit 0 FRIBUTION Operation PSI, Blow well do	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-1.6:30	Series 50 Total Gals  Safety Meetin POOH with be	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS bg pressure 500 in trip OOH. Brea	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-1.6:30	Series 50 Total Gals  Safety Meetin POOH with be	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foam	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-16:30	Series 50 Total Gals  Safety Meetin POOH with be	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foam	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-1.6:30	Series 50 Total Gals  Safety Meetin POOH with be	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foam	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-1.6:30	Series 50 Total Gals  Safety Meetin POOH with be	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foam	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-1.6:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foam	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-1.6:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foam	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-1.6:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foam	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-1.6:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foam	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-1.6:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foam	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-1.6:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foam	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-1.6:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foam	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-1.6:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foam	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-1.6:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foar	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-16:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foar	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-1.6:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foar	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-16:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 In trip OOH. Brea g up swivel, foar	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-16:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 in trip OOH. Brea g up swivel, foam if. Shut well in, S	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra n unit, clean out sides DON	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-16:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 in trip OOH. Brea g up swivel, foam if. Shut well in, S	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-16:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 in trip OOH. Brea g up swivel, foam if. Shut well in, S	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra n unit, clean out sides DON	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-16:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 in trip OOH. Brea g up swivel, foam if. Shut well in, S	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra n unit, clean out sides DON	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-16:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 in trip OOH. Brea g up swivel, foam if. Shut well in, S	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra n unit, clean out sides DON	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to
Hours 07:00-08:00 08:00-16:30	Series 50 Total Gals  Safety Meetir POOH with k 9944 KBM. C swivel and fo	380 Rig Eng ng. Csg pressiont and scraper Control well on	Diesel 40  ure 200 PSI, Ti r, control well o trip in hole. Ri	Pump Eng TIME DIS  bg pressure 500 in trip OOH. Brea g up swivel, foam if. Shut well in, S	Detroit 0 FRIBUTION Operation PSI. Blow well do k out bit and scra n unit, clean out sides DON	Series 50/Diesel  Ttl Rig & Pump  wn, kill well with per, make up not	380 40 20 bbls down tu	bing, 30 bbls do joint, seat nippl	own casing e, RiH to

	OSCU11 12	4-27			Date:	1/26/2012		Drilled to:	
Vell: County/ST:	Uintah, UT				Days:	10			)
ocation:	Sec 27, T-10	9 P.10E			Rig:	DUCO			<u> </u>
	0	13, K-18E						Footage:	<u> </u>
levation:	U		51		Supervisor:	Brown			
		l	BIT DA	1	T .			COST DATA (U	
Bit #	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
	ļ	<u> </u>					Location		
							Rig move		
Bit #	ln .	Out	Feet	Hours	WOB	RPM	Rig	\$4,470	\$43,3
							Fuel		\$1
						L.,	Camper		
			PUMP D	ATA			BOPE	\$2,000	\$2,0
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$1,9
0	0	0	0	0			Air Equip	ĺ	\$25,5
0	0	0	0	0			Equip rental	\$4,750	\$7,0
0	0	0	0	0			Mud	<del>* .,</del>	<u> </u>
0	0	0	0	0			Mud Logger		
<u> </u>			SURVEY				Trucking		\$2,6
Depth	Deviation	Direction		Deviation	Direction	T		\$4.240	•
Dehm	Deviation	Direction	Depth	Deviation	Direction		Water	\$4,349	\$12,8
						+	Labor	84 185	***
				1			Supervision	\$1,100	\$9,9
	<u> </u>		L	<u> </u>	<u> </u>	1	Core/DST		<u> </u>
			MUDIDA		T		Logs		
Weight	Visc	YP	PV	Gels	WL	Cake	Cement		
							Fishing		
% Oil	% Water	% Solids	рH	Ca	CI	LCM	Misc	\$950	\$2,3
							Casing		
AIR	DATA-DRILL	NG		GAS DAT	A-DRILLING		Tubing		
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		
						- F	Wellhead		
							TOTAL	\$17,619	\$107,6
					uel Usage	L	IOIAL	J 417,019	\$107,07
					Pump Eng Typ	Model	HP	0.11	_ 11 1
in F T	8.8i - i	170		I GAIIANG HIGAA	Pump ⊨na ivn	a Model		i Gallon	s Used
Rig EngType		HP	Fuel Type	Canona Caca				- Junion	
	Series 50	380	Diesel		Detroit	Series 50/Diesel	380		
				Pump Eng	Detroit 0		380	Canon	
etroit	Series 50	380	Diesel	Pump Eng	Detroit 0 TRIBUTION	Series 50/Diesel Ttl Rig & Pump	380	Cunon	
etroit Hours	Series 50 Total Gals	380 Rig Eng	Diesel 40	Pump Eng TIME DIS	Detroit 0 TRIBUTION Operation	Series 50/Diesel Ttl Rig & Pump	380		
Hours 07:00-08:00	Series 50 Total Gals  Safety Meetir	380 Rig Eng ng. Csg 650 P	Diesel 40 SI Tbg 450 PS	Pump Eng TIME DIS	Detroit 0 TRIBUTION Operation t, kill well with 15	Series 50/Diesel Ttl Rig & Pump  i bbls 2%	380 40		
Hours 07:00-08:00 08:00-15:00	Series 50 Total Gals Safety Meetir	380 Rig Eng ng. Csg 650 P 0 to 9912 KB	Diesel 40 SI Tbg 450 PS M, rig up NAL0	Pump Eng FiME DIS  Bl Blow well down CO, pump 30 gal	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displa	Series 50/Diesel Ttl Rig & Pump  blue 2% ce with 38 bbls 2	380 40 % KCL. Rig dow	n NALCO. Lay o	lown 2 3/8
Hours 07:00-08:00 08:00-15:00	Series 50 Total Gals Safety Meetir	380 Rig Eng ng. Csg 650 P 0 to 9912 KB	Diesel 40 SI Tbg 450 PS M, rig up NAL0	Pump Eng FiME DIS  Bl Blow well down CO, pump 30 gal	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displa	Series 50/Diesel Ttl Rig & Pump  i bbls 2%	380 40 % KCL. Rig dow	n NALCO. Lay o	lown 2 3/8
Hours 07:00-08:00 08:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts t	380 Rig Eng ng. Csg 650 P 10 to 9912 KB o land tubing	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production.	Pump Eng FIME DIS  Blow well down CO, pump 30 gal Land tubing on d	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80	Series 50/Diesel Ttl Rig & Pump  blace with 38 bbls 24 KBM. Tbg detail b	380 40 % KCL. Rig dow	/n NALCO. Lay o	lown 2 3/8 30 KBM,
Hours 07:00-08:00 08:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  i bbls 2% Ice with 38 bbls 2' KBM. Tbg detail b	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8 30 KBM,
Hours 07:00-08:00 08:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  blace with 38 bbls 24 KBM. Tbg detail b	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8 30 KBM,
Hours 07:00-08:00 08:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  i bbls 2% Ice with 38 bbls 2' KBM. Tbg detail b	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8 30 KBM,
Hours 07:00-08:00 08:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  i bbls 2% Ice with 38 bbls 2' KBM. Tbg detail b	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8 30 KBM,
Hours 07:00-08:00 08:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  i bbls 2% Ice with 38 bbls 2' KBM. Tbg detail b	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8 30 KBM,
Hours 97:00-08:00 98:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  i bbls 2% Ice with 38 bbls 2' KBM. Tbg detail b	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8 30 KBM,
Hours 97:00-08:00 98:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  i bbls 2% Ice with 38 bbls 2' KBM. Tbg detail b	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8 30 KBM,
Hours 7:00-08:00 8:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  i bbls 2% Ice with 38 bbls 2' KBM. Tbg detail b	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8 30 KBM,
Hours 7:00-08:00 8:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  i bbls 2% Ice with 38 bbls 2' KBM. Tbg detail b	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8 30 KBM,
Hours 7:00-08:00 8:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  i bbls 2% Ice with 38 bbls 2' KBM. Tbg detail b	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8
Hours 7:00-08:00 8:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  i bbls 2% Ice with 38 bbls 2' KBM. Tbg detail b	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8
Hours 7:00-08:00 8:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  i bbls 2% Ice with 38 bbls 2' KBM. Tbg detail b	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8
Hours 7:00-08:00 8:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  bi bbls 2%  ce with 38 bbls 2' KBM. Tbg detail be production string.	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8
Hours 17:00-08:00 8:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  bi bbls 2%  ce with 38 bbls 2' KBM. Tbg detail be production string.	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8
Hours 17:00-08:00 8:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  bi bbls 2%  ce with 38 bbls 2' KBM. Tbg detail be production string.	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8 30 KBM,
Hours 77:00-08:00 88:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  bi bbls 2%  ce with 38 bbls 2' KBM. Tbg detail be production string.	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8 30 KBM,
Hours 77:00-08:00 88:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  bi bbls 2%  ce with 38 bbls 2' KBM. Tbg detail be production string.	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8 30 KBM,
Hours 17:00-08:00 18:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea up tree for pre	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng TIME DIS BI Blow well down CO, pump 30 gal Land tubing on doints 2 3/8 N-80 to	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  bi bbls 2%  ce with 38 bbls 2' KBM. Tbg detail be production string.	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8
Hours 77:00-08:00 8:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea up tree for pre	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng FiME DIS  BI Blow well down CO, pump 30 gal Land tubing on do pints 2 3/8 N-80 to pwn DUCO well s	Detroit 0 FRIBUTION Operation N, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in service, Rig down	Series 50/Diesel Ttl Rig & Pump  bi bbls 2%  ce with 38 bbls 2' KBM. Tbg detail be production string.	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8 30 KBM,
Hours 17:00-08:00 18:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea up tree for pre	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng FiME DIS  BI Blow well down CO, pump 30 gal Land tubing on do pints 2 3/8 N-80 to pwn DUCO well s	Detroit 0 TRIBUTION Operation 1, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in	Series 50/Diesel Ttl Rig & Pump  bi bbls 2%  ce with 38 bbls 2' KBM. Tbg detail be production string.	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8
Hours 7:00-08:00 8:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea up tree for pre	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng FiME DIS  BI Blow well down CO, pump 30 gal Land tubing on do pints 2 3/8 N-80 to pwn DUCO well s	Detroit 0 FRIBUTION Operation N, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in service, Rig down	Series 50/Diesel Ttl Rig & Pump  bi bbls 2%  ce with 38 bbls 2' KBM. Tbg detail be production string.	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8
Hours 7:00-08:00 8:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea up tree for pre	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng FiME DIS  BI Blow well down CO, pump 30 gal Land tubing on do pints 2 3/8 N-80 to pwn DUCO well s	Detroit 0 FRIBUTION Operation N, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in service, Rig down	Series 50/Diesel Ttl Rig & Pump  bi bbls 2%  ce with 38 bbls 2' KBM. Tbg detail be production string.	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	lown 2 3/8
Hours 7:00-08:00 8:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea up tree for pre	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng FiME DIS  BI Blow well down CO, pump 30 gal Land tubing on do pints 2 3/8 N-80 to pwn DUCO well s	Detroit 0 FRIBUTION Operation N, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in service, Rig down	Series 50/Diesel Ttl Rig & Pump  bi bbls 2%  ce with 38 bbls 2' KBM. Tbg detail be production string.	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	down 2 3/8
Hours 7:00-08:00 3:00-15:00	Series 50 Total Gals  Safety Meetir RIH from 910 Tbg, 120 jts tone joint, sea up tree for pre	380 Rig Eng ng. Csg 650 P 0 to 9912 KB o land tubing t nipple at 622	Diesel 40 SI Tbg 450 PS M, rig up NAL0 for production. 70 KBM. 188 jc	Pump Eng FiME DIS  BI Blow well down CO, pump 30 gal Land tubing on do pints 2 3/8 N-80 to pwn DUCO well s	Detroit 0 FRIBUTION Operation N, kill well with 15 of biocide, displationat at 6303.80 otal 189 joints in service, Rig down	Series 50/Diesel Ttl Rig & Pump  bi bbls 2%  ce with 38 bbls 2' KBM. Tbg detail be production string.	380 40 % KCL. Rig dow outtorn to top, no Control well, nip	n NALCO. Lay o toth collar 6303.8 pple down BOP,	down 2 3/8